



AGED 539

Internship Project



Chris McKenna
Tulare FFA

2010



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Quality Criteria
One
Curriculum and Instruction

All Tulare High Schools agriculture classes meet the state standards. This curriculum is designed for students who desire to enter the agriculture field. There are many pathways that students can choose from depending on what they desire. These fields are Ag Mechanics, Animal Science and Plant Science. All clusters start with our Ag one class where students get the general knowledge about each core area before moving on. The clusters break off into their own sub categories where students can choose which area interests them more.

The Agriculture Mechanics Pathway starts with Ag one then moves to Ag Mechanics which is our introductory class to mechanics and students learn general skills. Welding is the next class that is taken in their junior year and students learn how to weld SMAW, MIG and Oxy-fuel cutting. Small engines can be taken in the junior or senior year and teaches students general welding skills. Advanced welding is a senior class and students are given the opportunity to build a complete project.

Animal science starts with Ag one and moves to Ag biology or Ag two. Students are given state test in both classes to ensure that students are meeting that state standards for life science. Ag biology is a college prep class while Ag two counts for high school graduation. Students move on to a few different options in classes and are not in a particular order. Vet science, Livestock, and Dairy Production. These classes focus on different areas in animal science focusing on care for animals in vet science, all aspects of the dairy in dairy production and hogs, sheep, and beef in livestock.

Plant science courses start with Ag one and move to Ag biology or Ag two just like animal science. This veers away in their junior year when students are given the opportunity to take either a Floral class which is UC approved for art credit. They can also take a Nursery

Landscape class where students are given the opportunity to learn about plants and landscape design.

There are two other classes that fit into each cluster. We have a work experience class that any senior can take that has a job in the agriculture field. This class allows students to further their learning in their particular cluster getting real world experience. The other class that encompasses all clusters is our Ag business class. This class teaches students how businesses work which can be applied to any cluster.

Supporting documentation and evidence can be found in the following appendices:

Appendix a	Appendix b
Appendix c	Appendix d
Appendix e	Appendix g
Appendix k	Appendix p
Appendix s	Appendix t
Appendix ll	

Quality Criteria
Two
Leadership and Citizenship Development

The Tulare FFA charter was applied for in 1959. We are recognized as incorporated chapter number 16. The official FFA charter is hanging on the east wall of the teacher's office. There are many opportunities for FFA Members to get involved in the chapter and community. Tulare FFA organized the committee structure that the National FFA has set up. These committees are the Chapter Development, Community Development, and Student Development. All students are grades are based on activities that these committees have.

The Chapter Development committee is responsible for all fundraising and public relation materials. They set up three fund raisers each year which brings in over \$10,000 each year. They also have developed a website for access to activities and any other information that students or the community might need. Finally they developed a newsletter featuring achievements and upcoming events that is given to students every month.

The Community Development committee does many activities to help the community. They clean up areas of town, cook dinners for Ronald McDonald house, donate canned food, toys, and many more. This is a very active committee and gives students many opportunities to get involved.

The Student Development committee has done a great job encouraging and giving praise to those students who have done a great job. The make posters that have students names and teams that are posted on campus for everyone to see. They put on the end of the year awards program to recognize those students who participated in activities throughout the year.

Supporting documentation and evidence can be found in the following appendices:

Appendix a

Appendix b

Appendix c

Appendix i

Appendix j

Appendix k

Appendix l

Appendix p

Appendix q

Appendix t

Appendix u

Appendix v

Appendix w

Appendix x

Appendix y

Appendix bb

Appendix kk

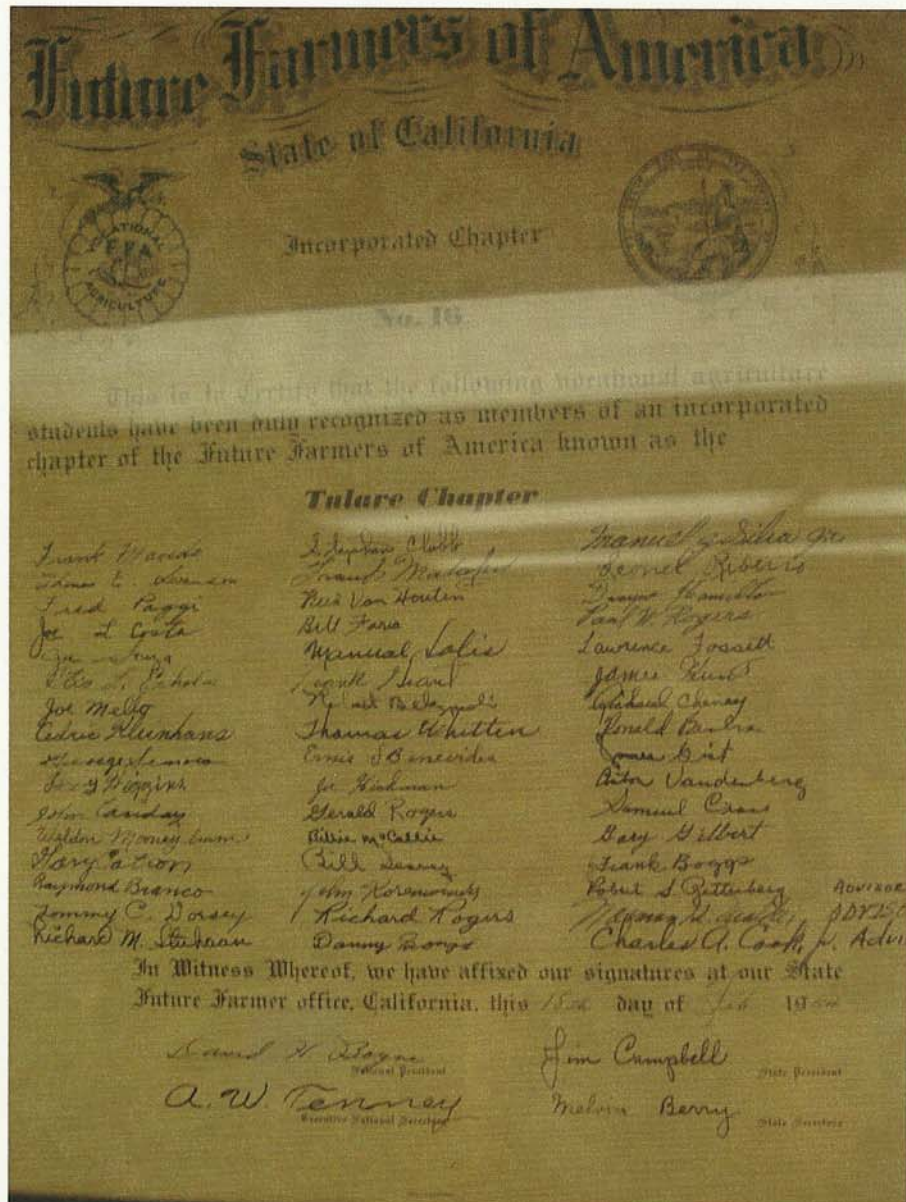
Appendix oo

Quality Criteria Number Two

Leadership and Citizenship Development

2A. A chartered FFA chapter
exists or has been applied
for.

Tulare FFA Charter



The Tulare FFA charter was applied for in 1959. We are recognized as incorporated chapter number 16. The official FFA charter is hanging on the east wall of the teacher's office.

Quality Criteria Number Two

Leadership and Citizenship Development

2B. A chapter program of work is developed annually and a copy is furnished to the Regional Supervisor by December 15.

Blue Jacket
PRIDE,
Golden
Opportunities



TULARE FFA
PROGRAM OF ACTIVITIES
2009-2010

Table of Contents

- I. Chapter Officer's Introduction**
- II. Chapter Goals**
- III. Chapter Objectives**
- IV. Calendar of Events**
- V. Chapter Budget**
- VI. Committees**
- VII. Achievement Points**
- VIII. FFA Creed**
- IX. Judging Teams**
- X. Degrees**
- XI. Constitution**

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

July 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Independence Day
5	6	7	8 Dairy Showmanship 5-7	9 Dairy County Fair 11-5:30 pm	10	11 State Vacation
12	13	14 Table	15 K.O.L.C. gill Net 12:30 pm	16	17	18 State Game
19	20	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23 Dairy Showmanship 5-7	24	25
26	27 Dairy Showmanship 5-7	28	29 Dairy Showmanship 5-7	30	31	

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

August 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 State Game
2	3	4	5	6	7	8
9	10	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7	13 Dairy Showmanship 5-7	14	15
16	17	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7	20	21	22
23	24	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7	27 Dairy Showmanship 5-7	28	29
30	31					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

September 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Cotton 4:30-5:30	2	3 Cotton 4:30-5:30	4	5 Cotton 4:30-5:30
6	7 Dairy Showmanship 5-7	8 Dairy Showmanship 5-7	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7	11	12
13	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7	18	19
20	21	22 Cotton 4:30-5:30	23	24 Cotton 4:30-5:30	25	26
27	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7	30			

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

October 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 State Game
4	5 Dairy Showmanship 5-7	6 Dairy Showmanship 5-7	7 Dairy Showmanship 5-7	8 Dairy Showmanship 5-7	9	10
11	12	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16	17
18	19	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23	24
25	26	27 Dairy Showmanship 5-7	28 Dairy Showmanship 5-7	29	30	31

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

November 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Dairy Showmanship 5-7	2 Dairy Showmanship 5-7	3 Dairy Showmanship 5-7	4 Dairy Showmanship 5-7	5 Dairy Showmanship 5-7	6 Dairy Showmanship 5-7	7 Dairy Showmanship 5-7
8	9	10 Dairy Showmanship 5-7	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7
15	16	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7
22	23	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7	27	28
29	30					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

December 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

January 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 HAPPY NEW YEAR	2
3	4	5	6	7	8	9 Roadway & Trailer Vines & Fruit from Contests 8:30am
10	11 2nd Semester Begins	12	13	14 CALIFORNIA FFA Contest	15	16
17	18 MLK Day No School	19	20	21 Easter, Golden West, Citrus Contest @ GWHS 4pm	22 FFA FFA Contest	23
24	25 Ag Post Team Begins	26 Specialty Animal Team Begins	27	28 Small Animal Team Begins	29	30 Roadway & Trailer Winter Field Day and Nat. Postcard State Finals
31						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

February 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Groundbreaking Day	2 Break 7-4:30pm	3 TK Speech Contest Tulare 4:30pm Comm. Serv. 8AM	4 SCATK O&S 8:30 Contests @ Redwood 5pm Horse 8am	5	6 Winter State Finals (Citrus, Vines, & Farming) Finals
7	8 Engineering Quiz Contests Double Date	9 GOWS Winter Contest	10 Break 5-5:30	11 Break 5-5:30	12 No School	13 MSGA A Market Day @ Hughes 6:30pm
14	15 Valentine's Day No School	16 Break 5-5:30	17 Break 5-5:30	18 Break 5-5:30	19 GOWS Double	20
21	22	23 Break 5-5:30	24 Winter Day Off @ Hughes	25 Break 5-5:30	26 Adopt-A-Pet Day 4pm @ FFA	27 Egg-A-Thon @ Hughes
28						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

March 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 State Preliminary Starting @ GHS	4	5 UC Davis Park Pro	6 Break 5-5:30pm
7	8 Dad's Day	9 Basketball 6:30 MORG	10 GOWS Comm. Serv.	11 SO, TK Park Pro @ Harvard 4pm	12	13 Winter Field Day @ GHS 7:30am
14	15	16	17	18 Reg. Park Pro @ GHS 12pm	19 Roadway College Field Day	20 Market, JC Field
21 5th State Office Contests @ GHS	22	23 MLK Day	24	25 MLK Day	26 Reg. Speech Contest 10am	27 MUC Field Day
28	29	30	31 Break 5-5:30pm			

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

April 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Break 5-5:30pm	2	3
4 Egg-A-Thon	5 No School	6	7	8 Market Day @ Hughes	9 Day's Celebration @ FFA	10 Get Poly Partners Field Day
11 Break 5-5:30pm	12 Break 5-5:30pm	13 Market Day @ Hughes	14	15 State Speaking Finals @ FFA 11:30am	16 12th State Finals @ FFA 7:30am	17 Fruit Field Day
18	19	20 Break 5-5:30pm	21	22 Break 5-5:30pm	23 Break 5-5:30pm	24
25	26 Break 5-5:30pm	27 Break 5-5:30pm	28	29 MLK Day @ Hughes	30 Break 5-5:30pm	

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Cal Poly-SLO Field Day
2	3	4 Egg-A-Thon @ Hughes	5 GOWS Double Date	6 FFA FFA Contest	7	8
9 MLK Day	10	11	12	13	14	15
16 Egg-A-Thon @ Hughes	17	18 GOWS Double Date	19	20	21 FFA FFA Contest	22
23	24 MLK Day	25	26	27	28	29
30	31 MLK Day					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

June 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 Last Day of School	8 Summer Day	9	10	11	12
13	14	15 Summer Day	16	17	18	19
20 Summer Day	21	22 Summer Day	23	24	25	26
27	28	29	30			

Tulare FFA Program of Work

Tulare FFA Budget

Estimated Income 2009- 2010

Donkey Basketball	\$3,500.00
Deep Pit BBQ	\$2,500.00
Vending Machines	\$1,500.00
Total	\$7,500.00

Estimated Expenses 2009-2010

FFA Banquet	\$3,500.00
Conferences	\$2,500.00
Program of Activities	\$250.00
Needy Baskets	\$250.00
Leadership Teams	\$150.00
Officer Team	\$500.00
Total	\$7 150.00

Tulare FFA Leadership Organizational Breakdown

Tulare FFA Chapter

Tulare FFA Officer Team

Community Development

Chair: Tulare Union Vice President

Relay For Life

Million Can Challenge

Change Wars

Santa Fe Trail

Ronald McDonald House

Valley Children's

Student Development

Chair: Tulare Western Vice President

Chapter Meetings

Advertisement

Awards

Chapter Development

Chair: Mission Oak Vice President

Funding

Public Relations

Recruitment

FFA Web Site

Tulare FFA Achievement Points

Leadership	Points Possible	Points Received
Greenhand Degree	100	
Chapter Farmer Degree	200	
State Farmer Degree	1000	
Sectional Star	200	
Regional Star	500	
State Star	1000	
State Committee Chair	350	
Sub Committee Chair	100	
National Finalist	1000	
Chapter Officer	500	
Regional Officer	800	
Sectional Officer	100	
Applied to be a State Delegate (application)	50	
Delegate to State Convention	100	
Active Sub-Committee Chairperson (chapter)	350	
Active Committee Member (chapter)	150	
Monthly Meetings (per meeting)	100	
Greenhand Conference	100	
MFE	100	
ALA	100	
SLE (applied for)	100	
Applied to be a National Delegate (application)	100	
Delegate to National Convention	200	
Leadership Team Member (per school)	500	

Fairs and Shows	Points Possible	Points Received
Exhibited at a fair or show (each specie)	500	
Per Head exhibited within a specie	200	
Entered Showmanship/Class	100	
First in Showmanship/class	500	
Second in Showmanship/class	400	
Third in Showmanship/class	300	
Fourth in Showmanship/class	200	
Fifth in Showmanship/class	100	
Breed or Jr. Champion	200	
Reserve Breed or Jr. Champion	100	
Grand Champion	500	
Reserve Grand Champion	300	
Outstanding Exhibitor	500	
Supreme Grand	1000	
Reserve Supreme	750	
Judging Teams		
Active Member (per team)	250	
Contest (per team)	500	
Go to State	500	
State Contest	750	
Win State	1000	
National Contest	1000	
National: Bronze	1000	
National: Silver	1500	
National: Gold	2000	
National: Winner	3500	
Overall Team and Individual Placing		
1st	250	
2nd	200	

3rd	150	
4th	100	
5th	50	
Speaking and Parli Pro		
Competed at Sectional Contest	100	
Sectional Finalist	200	
Competed at Regional Contest	300	
Regional Finalist	400	
Competed at State Contest	500	
State Finalist	600	
1st	1000	
2nd	500	
3rd	400	
4th	300	
5th	200	
6th	100	
High Chairs (Parli Pro Only) (per contest)	100	
SAE		
Hours Self Labor (2 point per hour up to 1000 hours)	Up to 1000 hrs	
Sectional Proficiency Award Application	100	
Regional Proficiency Award Application	200	
State Proficiency Award Application	500	
State Winner	1000	
National Proficiency Award Application	1000	
National Winner	3500	
Sectional Winner	150	
Regional Winner	300	
State Winner	500	
National Winner	1000	

Scholarship

C.S.F. each semester	200	
Honor Roll	200	
A grade each semester	100	
B grade each semester	50	
C grade each semester	10	
Academic Letter	200	

Specific Points for Activities

Community Service (for each activity)	25 per hour	
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Fundraiser

Deep Pit (100 points per bundle sold)		
Donkey Basketball (100 points for every 10 sold)		
Pancake Breakfast (100 points for every 10 sold)		
Spring Deep Pit (100 points for every 10 sold)		
Fund Raisers - worked	300	

Total Points Received

FFA Creed

I believe in the future of agriculture, with a faith born not of words but of deeds - achievements won by the present and past generations of agriculturists; in the promise of better days through better ways, even as the better things we now enjoy have come to us from the struggles of former years.

I believe that to live and work on a good farm, or to be engaged in other agricultural pursuits, is pleasant as well as challenging; for I know the joys and discomforts of agricultural life and hold an inborn fondness for those associations which, even in hours of discouragement, I cannot deny.

I believe in leadership from ourselves and respect from others. I believe in my own ability to work efficiently and think clearly, with such knowledge and skill as I can secure, and in the ability of progressive agriculturists to serve our own and the public interest in producing and marketing the product of our toil.

I believe in less dependence on begging and more power in bargaining; in the life abundant and enough honest wealth to help make it so--for others as well as myself; in less need for charity and more of it when needed; in being happy myself and playing square with those whose happiness depends upon me.

I believe that American agriculture can and will hold true to the best traditions of our national life and that I can exert an influence in my home and community which will stand solid for my part in that inspiring task.

Judging Teams

- ◆ Lands/Soils
- ◆ Prepared Public Speaking
- ◆ Extemporaneous Public speaking
- ◆ Cotton
- ◆ Floriculture
- ◆ Job Interview
- ◆ Citrus
- ◆ Parliamentary Procedure
- ◆ Farm Power
- ◆ Ag Mechanics
- ◆ Marketing Plan
- ◆ Best Informed Greenhand
- ◆ Opening/Closing Ceremonies
- ◆ Dairy Cattle
- ◆ Dairy Products
- ◆ Creed
- ◆ Livestock
- ◆ Small Engine
- ◆ Agriculture Issues
- ◆ Cooperative Marketing
- ◆ Vine Judging

Degrees

Greenhand Degree

To be eligible to receive the Greenhand FFA Degree from the chapter, the member must meet the following minimum qualifications:

1. Be enrolled in agricultural education and have satisfactory plans for a supervised agricultural experience program.
2. Learn to explain the FFA Creed, Motto, Salute and FFA Mission Statement.
3. Describe and explain the meaning of the FFA emblem and colors.
4. Demonstrate knowledge of the FFA Code of Ethics and the proper use of the FFA jacket.
5. Demonstrate knowledge of the history of the organization, the chapter constitution and bylaws, and the chapter Program of Activities.
6. Personally own or have access to the *Official FFA Manual and the FFA Student Handbook*..
7. Submit written application for the Greenhand FFA Degree.

Chapter Degree

To be eligible to receive the Chapter FFA Degree from the chapter, the member must meet the following minimum qualifications:

1. Must have received the Greenhand Degree.
2. Must have satisfactorily completed the equivalent of at least 180 hours of systemic Agricultural education at or above the ninth grade level, has in operation an approved supervised agriculture experience program, and be enrolled in an agricultural education course.
3. Have participated in the planning and conducting of at least three official functions in the Chapter Program of Work.
4. Have earned and productively invested at least \$150.00 by the member's own efforts Or worked at least forty-five hours in excess of scheduled class time, or a combination thereof, and have developed plans for continued growth and improvement in a supervised agriculture experience program.
5. Have effectively led a group discussion for 15 minutes.
6. Have demonstrated five procedures of parliamentary law.

7. Show progress toward individual achievement in the FFA award program.
8. Have a satisfactory scholastic record.
9. Submit a written application for the Chapter FFA Degree.

State Degree

To be eligible to receive the State FFA Degree from the state association, the member must meet the following minimum qualifications:

1. Have received the Chapter FFA Degree.
2. Have been an active FFA member for at least two years at the time of receiving the State FFA Degree.
3. While in school, have completed the equivalent of at least two years of systematic school instruction in agricultural education at or above the ninth grade level, which includes a supervised agricultural experience program.
4. Have earned and productively invested at least \$1000.00, or worked at least 300 hours in excess of scheduled class time, or a combination thereof, in a supervised agriculture experience program.
5. Demonstrate leadership ability by:
 - a. Performing 10 procedures of parliamentary law.
 - b. Give a six minute speech on a topic related to agriculture, or the FFA.
6. Serve as an FFA officer, committee chairperson, or participating member in the development of the chapter Program of Work.
7. Have a satisfactory scholastic record as certified by the local agricultural educator and the Principal or Superintendent.
8. Have participated in the planning and the completion of the chapter program of activities.
9. Have participated in at least five different FFA activities above the chapter level.

American Degree

To be eligible to receive the American FFA Degree from the National FFA Organization, the member must meet the following qualifications:

1. Have received the Golden State FFA Degree, have been an active member for the past three years (36 months) and have a record of satisfactory participation in the activities on the chapter and state level.
2. Have satisfactorily completed the equivalent of at least three years (540) of systematic secondary school instruction in an agricultural education program or have completed the program of agriculture education offered in the school last attended.
3. Have graduated from high school at least 12 months prior to the national convention at which the degree is to be granted.
4. Have in operation and have maintained records to substantiate an outstanding supervised agricultural experience program through which a member has exhibited comprehensive planning, managerial and financial expertise.
5. Have earned and productively invested at least \$7,500 or have earned and productively invested at least \$1,500 and worked 2,250 hours in excess of scheduled class time. Any combination of hours times (X) \$3.33 plus dollars must be equal to, or greater than the number 9,000. Hours used for the purpose of producing earnings reported as productively invested income shall not be duplicated as hours of credit to meet the minimum requirements for the degree.
6. Have a record of outstanding leadership abilities and community involvement and have achieved a high school scholastic record of a "C" or better as certified by the principal or superintendent.

Tulare FFA Constitution

Article I -Names and Purpose

Section A. The name of this organization shall be the "Tulare FFA Chapter".

Section B. The purposes for which this Chapter was formed are as follows:

1. To develop competent, aggressive rural and agricultural leadership.
2. To create and nurture a love of country life.
3. To strengthen the confidence of students of agriculture in themselves and their work.
4. To create more interest in the intelligent choice of farming and other agriculture occupations.
5. To encourage members in the development of individual farming and other programs and establishment in agriculture.
6. To encourage members to the farm and its surroundings.
7. To participate in worthy undertakings for the improvement of agriculture.
8. To develop character, train for useful citizenship, and foster patriotism.
9. To participate in cooperative effort.
10. To encourage and practice thrift.
11. To encourage improvement in scholarship.
12. To provide and encourage the development of organized recreational activities.

Article II – Organization

Section A. The Tulare Chapter of FFA is a chartered local unit of the California Association of FFA, which is chartered by the National Organization of FFA.

Section B. This Chapter accepts in full the provisions in the constitution bylaws of the California Association of FFA as well as those of the National Organization of FFA.

Article III – Membership

Section A. Membership in this chapter shall be of three kinds: Active, Alumni, and Honorary, as defined by the National FFA Constitution.

Section B. The regular work of this Chapter shall be limited to the Active Membership.

Section C. Honorary Membership in this Charter shall be limited to the Honorary Chapter Farmer Degree.

Section D. Active Members in good standing may vote on all business brought before the Chapter. An active member shall be considered in good standing when:

1. They attend 4 of the chapter meetings/activities during the year.
2. They show an interest in, and take part in the affairs of the Chapter.

3. Have all outstanding debts in financial order.
4. They are a positive representative of the FFA as perceived by the Chapter Executive Committee.
5. They are academically eligible to participate in activities according to the policy as established by the Tulare Joint Union High School Board of Trustees.

Section E. Names of applicants for membership shall be filed with the chapter Secretary.

Article IV -Emblems

Section A. The emblem of the FFA shall be the emblem for the Chapter.

Section B. Emblems used by members shall be designated by the National Organization of FFA.

Article V - Membership Degrees and Privileges

Section A. There shall be four degrees of Active Membership in this Chapter. These degrees are:
Greenhand, Chapter Farmer, State Farmer, and American Farmer

Section B. All "Greenhands" are entitled to wear the regulation bronze emblem pin, all members holding the degree of "Chapter Farmer" are entitled to wear the silver emblem pin, all members holding the "State Farmer" degree are entitled to wear the regulation gold emblem charm, and all members holding the "American Farmer" degree are entitled to wear the regulation gold emblem key.

Section C. Minimum qualifications for obtaining the four degrees of Active Memberships shall be those listed in the National FFA Constitution.

Section D. Chapter Officers shall review the qualifications of members and make recommendations to the Chapter concerning degree advancement.

Section E. To receive the FFA letter, each FFA member must meet the following minimum qualifications:

1. Been enrolled for a minimum of 2 years in agriculture/FFA
2. Show participation in 2 of the following:
 - a. 2 years showing
 - b. 2 years on a judging team
 - c. 20 hours of community service
3. Show participation in one of the following leadership activities:
 - a. 1 speech contest
 - b. Served as a chapter, sectional or regional officer.
 - c. attended 1 leadership conference
4. Have a minimum of a 3.0 G.P.A. in all agriculture courses.
5. Have an ongoing SAE.

6. Complete the necessary application for FFA letter

Article VI -Officers

Section A. The officers of the Chapter shall be as Follows: President, Vice President (Tulare Union, Tulare Western, and Mission Oak), Secretary, Treasurer, Reporter, Sentinel, Historian & Parliamentarian. The local Advisor (s) shall be the teacher (s) of agriculture in the school where the Chapter is located. The Officers shall perform the following duties:

1. The president shall preside over and conduct meetings according to accepted parliamentary procedure, call special meetings, keep members on the subject and within the time limits, appoint committees and serve on them as an ex-officio member to them, call other officers to the Chair as necessary or desirable, represent the Chapter and speak on occasions, coordinate Chapter efforts by keeping in close touch with the other officers and Advisor (s), keep Chapter Activities moving in a satisfactory matter, and represent the Chapter at the National Convention or designate a replacement.
2. The Vice President shall assist the President when needed, have charge of committee work, preside at meetings in the absence of the President be prepared to assume the duties and responsibilities of the president, and obtain end of activity reports from the committee chairpersons. Each vice president is chairmen of their own committees: Community Service, Student Development, and Chapter Development.
3. The Secretary shall prepare and read the minutes of meetings, have available for the President a list of business for each meeting, attend to official correspondences, send out and post notices, count and record rising votes when taken, prepare chapter records, keep the permanent records of the chapter, cooperate with the Treasurer in keeping accurate membership role, issue membership cards, call meetings to order in the absence of a presiding officer, read communications to the members at meetings, keep an updated point award chart with the assistance of the advisor (s), and post the meetings agenda at least 24 hours in advance of the meetings.
4. The Treasurer shall receive and act as custodian of Chapter funds, collect assessments, send in Sectional, State, and National dues, assist in preparing an annual budget, keep the financial statements of the Chapter, pay out funds as authorized, prepare financial statements and reports, build up the Chapter's financial standing, and submit in writing a financial report at each meeting.
5. The Reporter shall gather and classify Chapter news, prepare news notes and articles for publication or broadcast, contact local newspapers, send news to State or National publication, arrange for FFA participation in local radio and/or TV programs, and keep an up to date Chapter Scrapbook with the assistance of the Chapter Historian. The Reporter shall submit the Chapter scrapbook for judging at the spring Regional Meeting and shall prepare a Chapter Newsletter for publication with the assistance of the Advisor (s).

6. The Sentinel shall set up the meeting room and care for Chapter Paraphernalia and equipment, attend the door during meetings and welcome visitors, see that the meeting room is comfortable, and take charge of candidates for degree ceremonies.
7. The Historian shall develop and maintain a scrapbook of memorabilia in which to record the chapter's history, research and prepare items of significance of the chapter's history, prepare displays of chapter activities and submit stories of former members to the media, and assist the reporter in providing photography for chapter needs.
8. The Parliamentarian shall be proficient with parliamentary procedure, rule on all questions of parliamentary conduct at chapter meetings, serve as a participant or an ex-officio member of the parliamentary procedure team, conduct parliamentary procedure workshops at the chapter level, and chair or serve as ex-officio member on the conduct of meetings committee.
9. The Advisor shall supervise chapter activities year round, inform prospective students and parents about FFA, and instruct students in leadership and personal development, build school and community support for the program, encourage involvement of all chapter members in activities, and prepare students for involvement in career development events and leadership programs.

Section B. Officers of the Tulare FFA chapter shall be elected annually at the May meeting. All chapter officer applicants meeting the requirements to serve, as a chapter officer will have their names placed on the ballot. The candidates will fill out and give an application to the chapter advisor by the given deadline. The ballot will be scored and will provide 1/3 third of the total score for the election process. All candidates will go through an interview before the election meeting, which will count for another third of their overall score. Before the meeting two candidates from each school will be slated for the position of vice president of their prospective schools. The balance will be generated from the popular vote by the membership. Members in good standing will have the opportunity to vote for one candidate representing each school for the position of vice president, as well as seven other candidates for each of the chapter offices. The seven individuals receiving the highest point total (application, interview, and vote) will be elected to chapter office. The newly elected officer team will then decide their individual offices.

Section C. To be eligible to run for a Chapter Office the member must:

1. Hold the degree of Chapter Farmer.
2. The chapter officer application must be filled out and turned in prior to the given deadline, to the chapter advisor.
3. Be in good standing with the Chapter as outlined in Article III, section D of the

Tulare FFA Constitution.

4. Maintain a grade point average of 2.5 or better.

Section D. All officers' vacancies during the term shall be appointed by the chapter officers, with exception of the President whose vacancy shall be filled by the Vice President.

Section E. Any chapter officer may be impeached by a 2/3 vote of the chapter at a regularly scheduled meeting. Possible reasons for impeaching an officer include, but are not limited to: Not fulfilling duties as required by the constitution, not portraying the image of a FFA member as established by the chapter officers and constitution, losing respect of fellow chapter officers, members, advisors and/or the community.

Section F. An officer missing a meeting, leadership conference, or other responsibility must provide a written explanation one day prior to the event, except in uncontrolled circumstances or extreme emergencies.

Section G. Any officer placed on academic probation shall, in writing, resign from office at the first appropriate chapter officer executive meeting. This vacant office shall be filled according to the constitution.

Section H. Any chapter officer who desires to be a candidate from Tulare for the San Joaquin Regional FFA must:

1. Have an ongoing SAE
2. Hold a degree of Chapter farmer
3. Be in good standing with the chapter
4. Maintain a grade point average of 2.5 or better
5. Be in active member and participate in two fall or one spring judging team
6. Be involved in Parliamentary Procedure, Prepared Public Speaking, Extemporaneous Public Speaking, or Job interview

Quality Criteria Number Two

Leadership and Citizenship Development

2C. Every student is given a grade based upon participation in leadership activities.

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title Ag. Welding & Construction **Department** Agriculture

Grade Level (s) 11-12 **Student Level:** **College Prep** _____
General X
Basic _____

Course Duration Year **Credits** 20 **Elective/Req.** Elective

Prerequisite Ag. I and Ag. II or permission of instructor

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

This course includes the study of both arc, oxy-acetylene, TIG and MIG welding. In arc welding, safety procedures, rod identification and stresses of metals are emphasized, plus the student develops a sufficient level of skill to pass a basic industry welding test. The Student becomes familiar with and able to weld different metals and alloys. Other skills, such as cutting, brazing, fusion welding, hard surfacing, vertical welding, cutting thick and thin metals, are applied to actual project work, such as trailers, loading chutes, and other agricultural equipment. This course prepares the student for a job in industry for specialized work on large farming operations, or for repair and fabrication work on the home farm.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
 - B. Consider a variety of agriculture careers and make realistic decisions about such careers.
- Demonstrate a knowledge (review) of all four positions and essentials in arc and acetylene welding.
- Know the four essentials in arc welding (angle, heat, speed, and distance).
- Be able to master the flat and out of position welds.
- Learn the basic operation of the various types of gas and arc welding, drill presses, cut-off saws and the ironworker.

III. COURSE LEARNING OUTCOMES: (continued)

emonstrate the safety features in the welding process.

Demonstrate the proper use of the cutting torch.
 Master the basic positions in Acetylene welding with steel and brass rod.
 Explain and demonstrate what and how to braze.
 Identify and demonstrate the various types of machines in Oxy-Acetylene welding.
 Accurately read shop drawings.
 Demonstrate a knowledge of the general safety rules and procedures, including welding and cutting equipment safely.
 Demonstrate a knowledge (review) of manipulative skills (angle, material deposit motion) in brazing, hardsurfacing, cutting mild steel and aluminum welding.
 Demonstrate proper usage of the cut-off saw, drill press, cutting torch, iron worker, grinders and arc and gas welders in the process of constructing major projects.
 Students will apply the above welding, associating skills through building of assigned metal projects, such as cotton and cow trailers, utility trailers, abrasive saws, loading chutes, and other agricultural equipment.
 Exhibit a knowledge of welding codes and symbols.
 Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

IV. OUTLINE OF COURSE CONTENT:

- A. Welding Safety
 - 1. Review and testing of general shop safety
 - 2. Industrial safety requirements
 - 3. Farm shop safety
 - 4. Operate general shop tools safely
 - 5. Identify and avoid potentially dangerous shop situations
 - 6. Welding and cutting safety
- B. Welding Procedures
 - 1. Heat control
 - 2. Speed of travel
 - 3. Angle of electrode
 - 4. Length of arc
 - 5. Melting points of various common metals and alloys
 - 6. Matching metals
 - 7. Application of straight and reverse polarity
 - 8. Gauge pressures for welding, cutting, MIG/TIG
 - 9. Welding
 - 10. Farm and industrial projects

IV. OUTLINE OF COURSE CONTENT: (continued)

- C. Types of Welders and Equipment
 - 1. AC-DC welders
 - 2. MIG
 - 3. Gas welding and cutting equipment
 - 4. Accessories
- D. Welding Operations

1. Welding, using short arc, both horizontal and flat
 2. Vertical welding using Arc and Oxy-Acetylene equip.
 3. Overhead welding using Arc and Oxy-Acetylene equip.
 4. Project work producing useful working project
- E. Blue Print Reading
1. Reading basic shop drawings
 2. Welding symbols and their application in equipment Fabrication.
- F. Cutting Operations
1. Cutting with 20" hot saw
 2. Using the metal cutting band saw
 3. Management
- G. Shearing and Punching Holes
1. Shearing mild steel with iron worker
 2. Punching holes with hydraulic punch
- H. Type Welds
1. Bead, lap and butt welds
 2. Pipe and T-welds
- I. Pipe Welding
1. Common pipe joint welds
 2. 45' pipe welds
- J. Grinding and Surface Operations
1. Portable grinder
 2. Stationary grinder
 3. Operation of power wire buffer
- K. Using Oxy-Acetylene Shape Cutter
1. Setting up common jigs
 2. Cutting bevels
 3. Cutting holes
- IV. OUTLINE OF COURSE CONTENT: (continued)**
- L. Identification of Electrodes
1. Classification of electrodes
 - a. Numbers and positions
 - b. Color codes
- M. Identification of Gas Welding Rods
1. Brazing
 - a. bare
 - b. flux coated
 2. Mild Steel
 3. Hardfacing
 - a. bare

- b. flux coated
 - c. borium filled rods
- O. Use of the Drill Press
 - 1. Drilling common holes
 - 2. Countersinking
 - 2. Drilling pipe
- P. Bronze Welding
 - 1. Pipe braze
 - 2. T-Braze
 - 3. Lap braze
- Q. Welding Positions
 - 3. Flat
 - 4. Horizontal
 - 5. Overhead
 - 1. Vertical Vertical up, vertical down
 - 2. Horizontal butt
 - 6. 3. Overhead lap
- R. Oxy-Acetylene Process
 - 1. Equipment and accessories
 - a. Acetylene tanks and regulators
 - b. Oxygen tanks and regulators
 - c. CO2 and Argon tanks
 - d. Hoses, torch, tips and handpieces
- S. Setting up and Adjustment
 - 3. Assembly and safety checks
 - 4. Ignition and adjustment
 - 5. Shutting down and securing equipment
- IV. **OUTLINE OF COURSE CONTENT:** (continued)
- T. **Joining Metal**
 - 3. Fusion welding mild steel
 - 4. Brazing
- U. Oxy-Acetylene Cutting Process
 - 3. Set up and adjustment
 - 4. Special cutting techniques
 - 5. Shut down and storing equipment
- V. Projects
 - 1. Squaring frames
 - 2. Building jigs and forms
 - 3. Balancing and leveling

- W. Painting
 - 4. Using proper paints
 - 5. Preparation
 - 6. Mixing Procedures

X. Undercarriage Assembly

- 1. Installation of axles springs
- 2. Adjustment of brakes electric and hydraulic
- 3. Packing and servicing of wheel bearings

Y. Fifth Wheel Hitches

- 1. Assembly
- 2. Installation

Z. Future Farmers of America

- 1. History
- 2. Degree
- 3. S.O.E.P.
- 4. Leadership Opportunities

V. METHODS OF EVALUATION:

- A. Objective Evaluations
 - 1. Classroom and lab participation.....40%
 - 2. Tests and quizzes.....40%
 - 3. FFA participation, S.A.E. and Record Book.....20%

V. METHODS OF EVALUATION: (continued)

- B. Subjective Evaluations
 - 1. Classroom participation
 - 2. Classroom cooperation
 - 3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

Welding Skills & Practices, Giachino & Weeks, American Tech. Publishers

Working in Ag Mechanics, Lincoln Electric Co., Cleveland, Ohio

How to Read Shop Drawing, Lincoln Electric Co., Cleveland, Ohio

Welding Videos

Quality Criteria Number Two

Leadership and Citizenship Development

2D. Teachers are reimbursed for personal expenses they incur while participating in all approved integral activities associated with FFA, SOE, and professional CATA in-service activities.

2D. Teachers are reimbursed for personal expenses they incur while participating in all approved integral activities associated with the FFA, SOE, and professional CATA in-service activities.

3B. Teachers are reimbursed for personal expenses incurred in all integral activities associated with the SOE Project Program.

The staff members of the Tulare high school farm are reimbursed for all out of pocket expenses. We must have an itemized receipt, a completed reimbursement form, and a request for payment form (either School Accounts or District Office Request Form). The process over the last three years has become increasing difficult. If you purchase and items, even non-food items at a food providing store (Costco, Wal-Mart, Target, Grocery Store, etc.) you must also include a flyer which states how the product was used, who was in attendance during its use, and a statement claiming that you did not purchase alcohol or tobacco. Reimbursement payments take about a month to receive.



TULARE JOINT UNION HIGH SCHOOL DISTRICT

REQUEST FOR REIMBURSEMENT

General Instructions

1. **APPROVAL:** School Principal or authorized designee **MUST** sign the claim
2. **DOCUMENTATION:** Receipts **MUST BE** attached to the claim for all expenditure
3. Claimant's signature is **REQUIRED**
4. Reimbursement **CANNOT BE MADE** for personal expenses

PLEASE ATTACH RECEIPTS

Date: _____

Name: _____

Address: _____

City: _____ Social Security Number: _____

Reason for Reimbursement: _____

Items:	1. _____	Amount:	\$ _____
	2. _____		\$ _____
	3. _____		\$ _____

Total: \$ _____

Funding Source: _____

I hereby certify that the above statement represents the actual and necessary expenses incurred in the course of performing a service for the district.

Signed: _____ Position: _____

Principal/Director Approval: _____

Approved: _____

Authorized Signature

Date

Office Use Only

Account _____

Account _____

Quality Criteria Number Two

Leadership and Citizenship Development

2E. All students enrolled in agriculture classes are affiliated with the FFA.

R-2 student data					Gender	Years in Ag	Grade Level	Ethnicity	Program
Address 1	Address 2	City	State	Zip					
2156 Dandeloin		Tulare	CA	93274	M	1	11	White	Ag Mch. Agrisc. enc
890 S Prk		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
919 West Tulare		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
2478 Juniper		Tulare	CA	93274	M	1	9	White	e Agrisc. enc
402 West Wade		Tulare	CA	93274	M	1	9	Hispanic	e Agrisc. enc
434 S H Street		Tulare	CA	93274	M	1	9	White	e Agrisc. enc
19915 Road 76		Tulare	CA	93274	F	1	11	White	O.H.
1498 S K Street		Tulare	CA	93274	M	1	12	Hispanic	Ag Mch. Agrisc. enc
1408 Killette Road		Tulare	CA	93274	F	1	9	White	e Agrisc. enc
1679 W Delaware		Tulare	CA	93274	M	1	10	Hispanic	e Agrisc. enc
1296 E Sequioa		Tulare	CA	93274	M	1	10	White	e Agrisc. enc
141 N C		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
453 S Larkin		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
1620 Cardoza		Tulare	CA	93274	M	1	11	White	Ag Mch. Agrisc. enc
319 South F Street		Tulare	CA	93274	M	1	9	Hispanic	e Agrisc. enc
273 Hemingway		Tulare	CA	93274	F	1	10	Am. Ind.	e Agrisc. enc
797 Alpha Sreet		Tulare	CA	93274	F	1	9	White	e Agrisc. enc
1205 Palo Alto		Tulare	CA	93274	F	2	12	White	Ag Mch. Agrisc. enc
945 Mahaeb		Tulare	CA	93274	M	1	9	Hispanic	e An. Agrisc. enc
705 S Spruce		Tulare	CA	93274	M	1	12	Hispanic	Scienc e Agrisc. enc
1405 E Cypress		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
1511 E Sequioa		Tulare	CA	93274	M	1	9	White	e Agrisc. enc
1048 Alameda		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
877 E Howard		Pixley	CA	93256	F	1	10	Hispanic	e Agrisc. enc
22601 Road 148		Tulare	CA	93274	M	1	9	White	e Agrisc. enc
2365 Zenadia		Tulare	CA	93274	M	1	9	Hispanic	e Agrisc. enc
1773 Dalton		Tulare	CA	93274	F	1	9	Hispanic	e Agrisc. enc
1579 E Sierra		Tulare	CA	93274	F	1	9	White	e An. x. Agrisc. enc
19577 Road 96		Tulare	CA	93274	F	3	11	White	Scienc e Agrisc. enc
22448 Road 140		Tualre	CA	93274	F	2	10	White	e

1890 Riesling	Tulare	CA	93274	M	1	10	Filipino	Agrisc	enc
3334 W Caldwell	Visalia	CA	93277	F	1	9	White	Agrisc	enc
23011 Road 140	Tulare	CA	93274	M	1	9	White	Agrisc	enc
PO Box	Tulare	CA	93275	F	1	10	Hispanic	Agrisc	enc
564 Cameila	Tulare	CA	93274	M	1	10	Hispanic	Agrisc	enc
2233 W Sonora	Tulare	CA	93274	F	1	9	White	Agrisc	enc
23509 Ave 126	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
490 S Magnolia	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.	enc
177 Yellowstone	Tulare	CA	93274	M	1	9	White	Agrisc	enc
2302 Treana	Tulare	CA	93274	M	2	12	White	Ag Mch.	enc
22852 Brian Road	Tulare	CA	93274	M	2	11	White	Ag Mch.	enc
1719 Sonora	Tulare	CA	93274	M	1	10	Black	Ag Mch.	enc
1569 Alpine	Tulare	CA	93274	F	1	9	White	Agrisc	enc
3152 Brickfield	Tulare	CA	93274	M	1	12	White	Ag Mch.	enc
1090 N E Street	Tulare	CA	93274	F	1	9	White	Agrisc	enc
960 Cardoza	Tulare	CA	93274	F	3	12	White	An. Scien	enc
233 South C Street	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
627 Amejtian	Tulare	CA	93274	M	1	9	White	Agrisc	enc
PO Box 331	Tipton	CA	93272	F	1	9	Hispanic	Agrisc	enc
511 S G Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
828 Sacramento	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
961 Miller	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1839 W Tyson	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1033 La Mesa	Tulare	CA	93274	M	2	11	White	Ag Mch.	enc
3005 Oak Park	Tulare	CA	93274	M	1	9	White	Agrisc	enc
Po Box 795	Tulare	CA	93275	F	1	9	White	Agrisc	enc
100 Pyramid	Tulare	CA	93274	M	1	9	White	Agrisc	enc
591 W Bardsley	Tulare	CA	93274	M	1	11	White	Ag Mch.	enc
657 Rainier	Tulare	CA	93274	M	1	9	White	Agrisc	enc
25118 Road 44	Tulare	CA	93274	M	1	9	White	Agrisc	enc
1339 E Carmelo	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.	enc
1101 Grove Drive	Tulare	CA	93274	M	2	10	White	Agrisc	enc

1035 Cupertino	Tulare	CA	93274	F	2	10	Filipino	Agrisc	enc
726 N E Street	Tulare	CA	93274	F	2	10	White	Agrisc	enc
9426 Ave 184	Tulare	CA	93274	M	4	12	Hispanic	Ag Mch.	
1778 Sonora	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
6687 Ave 248	Tulare	CA	93274	F	1	10	White	Agrisc	enc
186 Yellowstone	Tulare	CA	93274	F	1	10	White	Agrisc	enc
20278 Road 52	Tulare	CA	93274	F	1	9	White	Agrisc	enc
240 N. D Streer	Tulare	CA	93274	M	2	10	White	Ag Mch.	
1683 Cheryl	Tulare	CA	93274	F	1	9	White	Agrisc	enc
895 Madalyn	Tulare	CA	93274	F	3	12	White	Ag Bus Mgt	
2467 N Enterprise	Tulare	CA	93274	F	4	12	White	An.	
319 S F Street	Tulare	CA	93274	M	4	12	Hispanic	Scienc	
920 Elm	Tulare	CA	93274	M	1	11	White	O.H.	
1945 Augusta	Tulare	CA	9374	F	1	9	White	Ag Mch.	
3285 N Colpein	Tulare	CA	93274	F	1	9	White	Agrisc	enc
591 Bardlsey	Tulare	CA	93274	M	1	9	White	Agrisc	enc
462 W Meadow	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
591 Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
1465 E Aspen	Tulare	CA	93274	M	1	9	White	Agrisc	enc
415 Parkview	Tulare	CA	93274	F	1	9	White	Agrisc	enc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
536 South R Street	Tulare	CA	93274	M	1	9	Asian/Pa	Agrisc	enc
365 N A Street	Tulare	CA	93274	M	2	12	Hispanic	c	
2459 N Oak Street	Tulare	CA	93274	F	3	11	Black	Ag Mch.	
842 N. E Street	Tulare	CA	93274	M	3	11	White	Ag Bus Mgt	
2650 W Pleasant	Tulare	CA	93274	M	4	12	White	Ag Bus Mgt	
394 Vale St.	Tulare	CA	93274	M	2	10	White	Agrisc	enc
591 B South Oakmore	Tulare	CA	93274	M	6	14	White	Agrisc	enc
155 Bardsley	Tulare	CA	93274	F	6	14	White	Agrisc	enc
1874 W Prosperity	Tulare	CA	93274	M	3	11	White	e	
4432 Kansas Ave	Hanford	CA	93230	F	2	10	White	Ag Mch.	
1889 Charles Krug Ave.	Tulare	CA	93274	M	3	11	White	Ag Bus Mgt	
1965 Eastgate	Tulare	CA	93274	F	1	12	White	Agrisc	enc
2566 Pine Valley	Tulare	CA	93274	M	1	11	White	O.H.	
1059 N A Street	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch.	
								Ag Bus Mgt	

4190 N. Mooney	Tulare	CA	93274	M	3	11	White	Ag Mch.
21233 Road 76	Tulare	CA	93274	F	2	10	White	Agrisc enc
14653 Road 96	Tulare	CA	93274	M	2	10	White	Agrisc enc
999 Ladawna	Tulare	CA	93274	M	1	11	White	Ag Mch.
14653 Road 96	Tulare	CA	93274	M	5	13	White	O.H. Agrisc enc
1003 N. Petaluma St.	Tulare	CA	93274	F	2	10	Hispanic	e An. Agrisc enc
5820 W Caldwell O	Visalia	CA	93277	F	4	12	White	Scienc e
19258 Stevenson Drive	Tulare	CA	93274	M	3	11	Am. Ind.	Ag Mch. Agrisc enc
351 N. West St. Apt 522	Tulare	CA	93274	F	2	10	Hispanic	e
953 N. Belmont St	Tulare	CA	93274	M	2	10	Hispanic	Ag Bus Mgt
1945 Cambridge Circle	Tulare	CA	93274	M	3	11	White	Ag Mch. Agrisc enc
1327 Salome	Tulare	CA	93274	F	1	9	White	e Agrisc enc
630 Dogwood	Tulare	CA	93274	M	1	9	Hispanic	e
400 S Los Angeles	Tulare	CA	93274	M	2	12	Hispanic	Ag Mch. Agrisc enc
1414 N Gem Street	Tulare	CA	93274	F	4	12	Hispanic	e Agrisc enc
12615 Iona Ave.	Hanford	CA	93230	F	2	10	White	e Agrisc enc
22929 Rd. 140	Tulare	CA	93274	F	2	10	White	e Agrisc enc
2845 N. Airport	Pixley	CA	93256	F	2	10	White	e
26212 Rd. 132	Visalia	CA	93292	M	2	10	White	Ag Mch.
876 E. Howard	Pixley	CA	93256	M	2	11	White	Ag Mch. Agrisc enc
1500 S Cardoza	Tulare	CA	93274	F	1	9	White	e
1366 La Mesa	Tulare	CA	93274	M	1	10	Hispanic	Ag Mch. Agrisc enc
25320 Road 44	Tulare	CA	93274	M	2	10	White	e Agrisc enc
1952 Stagecoach	Tulare	CA	93274	M	1	9	Hispanic	e Agrisc enc
1818 Henshaw	Tulare	CA	93274	F	1	10	Filipino	e Agrisc enc
400 S Balckstone	Tulare	CA	93274	M	1	10	Hispanic	e Agrisc enc
1536 Orchard	Tulare	CA	93274	F	1	9	White	e
Po Box 1184	Tipton	CA	93272	M	2	12	Hispanic	Ag Mch. Agrisc enc
24293 Road 68	Tulare	CA	93274	M	1	9	Hispanic	e
18283 Ave. 21	Lindsay	CA	93274	M	2	10	White	Ag Mch. Agrisc enc
362 S. Evans	Tipton	CA	93272	F	2	10	Hispanic	e Agrisc enc
908 South Amber	Tulare	CA	93274	F	2	10	White	e Agrisc enc
2233 W Sonora	Tulare	CA	93274	M	2	10	White	e Agrisc enc
2233 W Sonora	Tulare	CA	93274	F	4	12	White	e

1585 E. Stockham	Tualre	CA	93274	M	4	12	White	Ag Mch.
5136 Ave 248	Tulare	CA	93274	F	2	10	White	Agrisc enc
PO Box 370	Tulare	CA	93274	F	1	9	White	Agrisc enc
624 S Q Street	Tulare	CA	93274	F	1	10	Hispanic	Agrisc enc
15046 Ave 224	Tulare	CA	93274	M	2	11	White	Ag Mch.
1633 Estate	Tulare	CA	93274	M	1	9	White	Agrisc enc
679 Lynora	Tulare	CA	93274	F	1	9	White	Agrisc enc
339 N Mountain View	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
713 Alpha	Tulare	CA	93274	F	1	12	Asian/Pa c	O.H. Agrisc enc
2805 W. Park St.	Pixley	CA	93256	M	2	10	Hispanic	Agrisc enc
2201 E Bardsley	Tulare	CA	93274	M	2	10	White	Agrisc enc
484 Lemonwood	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
22225 Rd. 152	Tulare	CA	93274	F	2	10	White	Agrisc enc
591 W Bardlsey	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt Agrisc enc
1975 Cypress Cove Dr.	Tulare	CA	93274	F	2	10	White	Agrisc enc
1113 Lincoln St.	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt Agrisc enc
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	Agrisc enc
PO Box 775	Tulare	CA	93275	M	1	9	White	Agrisc enc
1900 Cochran	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
1031 Manzanita	Tulare	CA	93274	M	1	9	White	Agrisc enc
860 Merritt	Tulare	CA	93274	F	1	9	White	Agrisc enc
2581 Azalea	Tulare	CA	93274	F	1	9	White	Agrisc enc
22979 B Rd. 140	Tulare	CA	93274	M	2	10	White	Ag Mch.
1239 Greenwood Ct.	Tulare	CA	93274	M	3	12	White	Ag Mch. Agrisc enc
327 E Gannon	Tulare	CA	93274	M	2	10	White	Agrisc enc
533 E Estate	Tulare	CA	93274	M	2	10	White	Ag Mch.
1158 Brett Beach Circle	Tulare	CA	93274	M	4	12	Hispanic	Ag Mch. Agrisc enc
PO Box	Pixley	CA	93256	M	1	9	Hispanic	Agrisc enc
509 S Larkin	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
246 North Newman	Tipton	CA	93272	M	1	9	Hispanic	Agrisc enc
1927 Weynich	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch. Agrisc enc
749 S Q Street	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
273 Callison	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc

1872 E Levin	Tulare	CA	93274	F	1	9	Black	Agrisc	enc
1855bridger	Tulare	CA	93274	F	1	10	Black	e	enc
23011 Rd. 140	Tulare	CA	93274	F	3	11	White	Ag Bus	Mgt
540 Howard Way	Pixley	CA	93256	F	3	11	White	Ag Bus	Mgt
3121 Brickfield	Tulare	CA	93274	F	2	10	White	Agrisc	enc
404 Hilsdale Ct.	Tulare	CA	93274	M	2	10	White	e	enc
1731 Burton Ave.	Tulare	CA	93274	F	2	10	White	e	enc
P.o.box 1267	Tipton	CA	93272	F	4	12	White	An.	Scienc
22800 Rd 148	Tulare	CA	93274	M	2	10	White	Agrisc	enc
1862 Sonora	Tulare	CA	93274	F	1	9	White	e	enc
855 N G Street	Tulare	CA	93274	F	4	12	Hispanic	Ag Bus	Mgt
1157 W Oakland	Tulare	CA	93274	F	4	12	White	O.H.	enc
231 E Prosperity	Tulare	CA	93274	M	2	10	Hispanic	e	enc
22800 Rd 148	Tulare	CA	93274	F	4	12	White	An.	Scienc
22584 Munson	Tulare	CA	93274	F	1	10	White	Agrisc	enc
10002 Ave. 144	Tipton	CA	93272	F	3	11	White	An.	Scienc
22601 Rd. 148	Tulare	CA	93274	M	5	13	White	Ag Mch.	
358 Mark Twain Ave.	Tulare	CA	93274	M	3	12	White	Ag Mch.	
2860 Ave. 170	Corcoran	CA	93212	F	3	11	White	Ag Mch.	
2061 N. Adams	Tulare	CA	93274	F	4	12	Hispanic	Ag Bus	Mgt
5663 Ave 228	Tulare	CA	93274	F	2	11	Hispanic	Ag Mch.	
355 Mitchell	Tulare	CA	93274	F	4	12	White	Agrisc	enc
1021 Canyon View St.	Tulare	CA	93274	F	2	10	Hispanic	e	enc
5711 Ave. 228 P.o. Box 661	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
2860 Ave. 170	Corcoran	CA	93212	M	3	11	White	An.	Scienc
872 Alameda St.	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
905 Haven Ct.	Tulare	CA	93274	F	3	11	Hispanic	e	
1971 W. Merritt Ave.	Tulare	CA	93274	F	4	12	White	Ag Bus	Mgt
1411 North M. St.	Tulare	CA	93274	F	2	10	White	An.	Scienc
601 W. Cross	Tukare	CA	93274	M	2	12	White	Agrisc	enc
17645 South i Drive	Tulare	CA	93274	F	4	12	White	Ag Mch.	
123 Colorado Ave	Tulare	CA	93274	M	2	10	White	An.	Scienc
228 E Sandra	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
3269 N Sacramento	Tulare	CA	93274	F	2	10	Hispanic	e	

1498 Salome	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
146 S California	Tulare	CA	93274	F	1	10	Hispanic	e	enc
2138 W. Prosperity	Tulare	CA	93274	M	2	12	Hispanic	Ag M	ch.
304 E. Lynn Ave.	Tulare	CA	93274	F	4	12	Hispanic	An.	Scienc
712 N. Palm	Tulare	CA	93274	M	5	13	White	Ag Bu	s Mgt
118 Mitchell Ave	Tulare	CA	93274	F	3	12	Asian/Pa	An.	Scienc
986 Alderwood St.	Tulare	CA	93274	M	2	10	c	Hispanic	Ag M
1414 London Circle	Tulare	CA	93274	M	2	12	White	Scienc	enc
2478 Almaden	Tulare	CA	93274	F	4	12	White	e	An.
569 Lansing	Tulare	CA	93274	F	3	11	White	Scienc	e
24172 Road 140	Tulare	CA	93274	F	4	12	White	Ag Bu	s Mgt
162 E Merrit	Tulare	CA	93274	M	3	11	White	Ag M	ch.
PO Box 4	Tulare	CA	93274	F	4	12	White	Ag Bu	xMgt
293 Cedar	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
PO Box 15	Tulare	CA	93275	M	1	9	White	e	enc
16783 S I Drive	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
227 Dickens	Tulare	CA	93274	F	3	11	White	e	enc
843 Madalyn	Tulare	CA	93274	F	4	12	White	Ag Bu	s Mgt
819 Mahaleb	Tulare	CA	93274	F	4	12	White	O.H.	An.
420 Estate	Tulare	CA	93274	M	4	12	White	Scienc	e
195 Colorado	Tulare	CA	93274	M	2	10	White	Ag Bu	s Mgt
290 Merritt	Tulare	CA	93274	M	3	12	White	Agrisc	enc
1924 Holliday Street	Tulare	CA	93274	F	2	11	White	e	enc
269 Sandra	Tulare	CA	93274	M	1	9	White	Agrisc	enc
468 Meadow	Tulare	CA	93274	M	1	9	Hispanic	e	enc
501 W Bardsley	Tulare	CA	93274	F	1	9	White	Agrisc	enc
140 Adams	Tipton	CA	93272	M	1	11	White	e	enc
1534 Mateus	Tulare	CA	93274	F	1	10	Hispanic	Ag M	ch.
1903 Henshaw	Tulare	CA	93274	F	1	9	White	Agrisc	enc
23968 Road 68	Tulare	CA	93274	M	2	12	Hispanic	e	enc
22844 Road 140	Tulare	CA	93274	F	1	9	Hispanic	Ag M	ch.
1142 Prosperity	Tulare	CA	93274	M	1	9	White	Agrisc	enc
888 North N Place	Tulare	CA	93274	M	2	10	White	e	enc
1126 W Oakland	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc

1215 W Pleasant	Tulare	CA	93274	M	2	10	White	Agrisc	enc
370 Mitchell	Tulare	CA	93274	F	2	10	White	Scienc	e
5387 Kent	Hanford	CA	93230	M	5	13	Hispanic	Ag Bus	Mgt
591 W Bardsley	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
14527 Ave 210	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
1992 Plymouth	Tulare	CA	93274	F	1	9	White	Agrisc	enc
1881 Bass Lake Ave	Tulare	CA	93274	F	4	12	Hispanic	An.	
315 E Washington	Tulare	CA	93274	M	2	12	White	Scienc	e
1499 Zumwalt	Tulare	CA	93274	M	4	12	White	Ag Mch.	
13233 Ave 232	Tulare	CA	93274	F	4	12	White	Ag Mch.	
1425 Lewis Lane	Tulare	CA	93274	F	2	10	White	Ag Bus	Mgt
558 South O Apt D	Tulare	CA	93274	M	2	12	Hispanic	Agrisc	enc
337 Mark Twain	Tulare	CA	93274	M	3	11	White	Ag Mch.	
PO Box 661	Visalia	CA	93274	M	1	12	Asian/Pa	Agrisc	enc
325 Vetter	Tulare	CA	93274	M	1	10	c	Agrisc	enc
1050 Greenwood	Tulare	CA	93274	F	1	10	Hispanic	e	
652 Alpha	Tulare	CA	93274	M	2	12	White	Agrisc	enc
239 Hemmingway	Tulare	CA	93274	F	3	11	White	Ag Mch.	
448 Lynora	Tulare	CA	93274	F	1	9	White	Ag Bus	Mgt
938 Warren Court	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
542 West	Tulare	CA	93274	M	1	10	Hispanic	e	
542 S West	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
527 S Santa Clara	Tulare	CA	93274	M	4	12	Hispanic	e	
1514 Coehlo	Tulare	CA	93274	F	1	9	White	Ag Mch.	
542 W Street	Tulare	CA	93274	M	4	12	Hispanic	Agrisc	enc
840 S. Silva	Tulare	CA	93274	M	2	10	Hispanic	e	
624 South R Street	Tulare	CA	93274	F	3	11	Black	An.	
1793 Kohn Ave.	Tulare	CA	93274	F	3	11	Hispanic	Scienc	e
1468 Birch	Tulare	CA	93274	F	1	9	White	Agrisc	enc
1447 Frances	Tulare	CA	93274	F	2	10	White	e	
729 S T Street	Tulare	CA	93274	F	3	11	Hispanic	An.	
1277 Cabrillo	Tulare	CA	93274	F	1	9	Black	Scienc	e
PO Box 602	Tipton	CA	93272	F	3	12	White	Agrisc	enc
14727 Ave 192	Tulare	CA	93274	F	4	12	White	O.H.	
							An.		

									Science	
1148 S Vetter Dr.	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch.		
P.o. Box 336	Tulare	CA	93275	F	2	10	Hispanic	Agrisc	enc	
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	e	Agrisc	enc
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	e	Agrisc	enc
1508 E. Boyer	Tulare	CA	93274	M	2	10	Hispanic	e	Agrisc	enc
17787 Rd. 128	Tulare	CA	93274	F	3	11	White	An.	Science	
1602 Avila Ave.	Tulare	CA	93274	M	4	12	White	An.	Science	
1247 Yorktown Dr.	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
P.o. Box 425	Tulare	CA	93274	F	5	13	White	e	An.	
537 Coral St.	Tulare	CA	93274	F	3	11	White	Science		
14665 Rd. 160	Tipton	CA	93272	F	3	11	White	Ag Bus	Mgt	
14665 Rd. 160	Tipton	CA	93272	M	5	13	White	O.H.		
315 Newman	Tipton	CA	93274	M	2	10	Hispanic	O.H.		
1590 Mirrason	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
591 West Bardsley	Tulare	CA	93274	F	1	9	White	e	Agrisc	enc
17609 Rd. 80	Tulare	CA	93274	F	2	10	White	e	Agrisc	enc
22870 Road 130	Tulare	CA	93274	M	1	12	White	e	Agrisc	enc
734 E. Mariposa	Tulare	CA	93274	M	2	10	Hispanic	Ag Bus	Mgt	
785 Maraposa	Tulare	CA	93274	M	3	12	White	Agrisc	enc	
16709 B Ave 264	Vislia	CA	93292	M	5	13	White	e	Ag Mch.	
348 South c St.	Tulare	CA	93274	F	4	12	Hispanic	An.	Science	
P.o. Box 1102	Tipton	CA	93272	F	4	12	White	O.H.		
202 Dicken	Tulare	CA	93274	F	6	14	White	An.	Science	
1436 E. Etna	Tulare	CA	93274	M	4	12	White	Agrisc	enc	
17975 Rd. 136	Tulare	CA	93274	F	4	12	White	e	Ag Mch.	
950 Cross Street	Tulare	CA	93274	F	4	12	White	An.	Science	
14727 Rd.96	Tipton	CA	93272	M	2	10	White	Science		
401 S Los Angeles	Tulare	CA	93274	M	3	12	Hispanic	Agrisc	enc	
1361 Olympia	Tulare	CA	93274	M	1	9	Am. Ind.	e	Ag Mch.	
1363 Olympia	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
5387 Kent Ave	Hanford	CA	93230	M	2	10	Hispanic	e	Agrisc	enc
1299 Greenwood	Tulare	CA	93274	F	3	11	White	An.	Science	
1166 Nelder Grove	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	

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735 W. King	Tulare	CA	93274	M	2	12	White	Ag Mch.		
667 Bardsley	Tulare	CA	93274	M	3	11	Hispanic	Scienc	e	
890 S Park	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.		
826 N Blackstone	Tulare	CA	93274	M	2	10	White	Agrisc	enc	x.
202 Dickens	Tulare	CA	93274	F	4	12	White	An.		
883 Belmont	Tulare	CA	93274	M	3	11	White	Scienc	e	
PO Box 16	Pixley	CA	93256	M	1	9	Hispanic	Ag Mch.		
1100 S E Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
339 W Meadow	Tulare	CA	93274	M	1	10	White	e		
510 N B Street	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc	
22615 Road 132	Tulare	CA	93274	F	1	10	White	e		
476 Lemonwood	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1538 W Maple	Tulare	CA	93274	M	1	11	White	e		
402 West Wade	Tulare	CA	93274	M	1	9	Hispanic	Ag Mch.		
1775 Lewis Lane	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
591 West Bardsley	Tulare	CA	93274	F	2	10	White	e		
13694 Ave 256	Tulare	CA	93274	M	3	11	White	Agrisc	enc	
9181 Road 104	Pixley	CA	93256	M	2	10	Hispanic	Ag Mch.		
510 E Almond	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
221 S D Street	Tulare	CA	93274	F	2	10	Hispanic	e		
2161 Tamarack	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	
1995 Valley Forge	Tulare	CA	93274	M	4	12	White	e		
1258 N. Jefferson	Tulare	CA	93274	F	3	11	Hispanic	Agrisc	enc	
930 Centennel Ct.	Tulare	CA	93274	M	3	11	Am. Ind.	Ag Bu	Mgt	
341 N. O St.	Tulare	CA	93274	F	2	10	Hispanic	Ag Mch.		
244 Yellowstone	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
12123 Avenue 136	Tipton	CA	93272	M	2	10	White	e		
1341 Windsong	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
720 Mariposa	Tualre	CA	93274	F	2	10	Black	e		
17975 Rd. 136	Tulare	CA	93274	F	3	11	White	An.		
790 E. King Ave	Tulare	CA	93274	M	2	10	Hispanic	Scienc	e	
14231 Ave. 180	Tulare	CA	93274	F	2	10	Hispanic	Ag Mch.		
P.o. Box 1133	Tipton	CA	93272	M	4	12	White	Agrisc	enc	

13040 Gregory	Tulare	CA	93274	F	1	10	White	Agrisc	enc
20801 Raod 132	Tulare	CA	93274	M	1	9	White	Agrisc	enc
20429 Rd. 124	Tulare	CA	93274	F	4	12	White	Agrisc	enc
14777 Ave.84	Pixley	CA	93256	M	2	10	White	An.	Scienc
8340 Ave.144	Tipton	CA	93272	F	3	11	White	Ag Mch.	
1131 S Spruce	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
1521 Orchard St.	Tulare	CA	93274	M	2	10	White	Agrisc	enc
15915 Rd. 72	Tipton	CA	93272	F	2	10	White	Agrisc	enc
PO Box 1890	Tulare	CA	93274	M	6	14	White	Ag Mch.	
416 Jackson	Tulare	CA	93274	M	6	14	White	An.	Scienc
2441 Doyer Canyon	Tulare	CA	93274	M	4	12	Hispanic	Agrisc	enc
400 Cross	Tulare	CA	93274	F	6	14	White	An.	Scienc
13241 Rd. 136	Tipton	CA	93272	M	2	10	White	Agrisc	enc
2680 Pleasant	Tulare	CA	93274	M	1	9	White	Agrisc	enc
711 Monterey	Tulare	CA	93274	F	1	9	White	Agrisc	enc
483 w Beechwood	Tulare	CA	93274	F	6	14	Hispanic	Ag Bus Mgt	
321 N A Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
14284 Ave 323	Tulare	CA	93274	F	2	11	White	e	x.
13241 Rd. 136	Tipton	CA	93272	F	3	11	White	Ag Bus Mgt	
22225 Road 152	Tulare	CA	93274	M	6	14	White	Ag Mch.	
1272 N. Olive	Pixley	CA	93256	M	3	11	White	Ag Mch.	
12870 B Ave. 228	Tulare	CA	93274	F	3	11	White	Ag Mch.	
591 W Bardsley	Tulare	CA	93274	M	1	10	White	Agrisc	enc
616 N M Street	Tulare	CA	93274	F	3	11	Hispanic	Agrisc	enc
13955 Road 80	Tulare	CA	93274	M	5	13	White	An.	Scienc
4676 Ave 228	Tulare	CA	93274	F	4	12	White	Agrisc	enc
374 N. Laspina St.	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
1363 Olympia	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
967 Ladawna	Tulare	CA	93274	F	2	10	Black	Agrisc	enc
1598 Mateus	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
9555 Ave 264	Tulare	CA	93274	F	4	12	White	An.	Scienc
1261 Malibu	Tulare	CA	93274	F	4	12	White	Agrisc	enc
1511 W Shasta	Tulare	CA	93274	F	2	11	White	O.H.	

4013 South K St.	Tulare	CA	93274	F	2	10	White	Ag Bus Mgt
14727 Rd. 96	Tipton	CA	93272	M	5	13	White	Ag Mch.
1138 Grove Drive	Tulare	CA	93274	M	2	10	White	Agrisc enc
PO Box 224	Tulare	CA	93275	F	2	10	White	e Agrisc enc
1377 Clarete Court	Tulare	CA	93274	F	2	11	White	An. Scien e
640 E. Chevy Chase Dr.	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
945 W. Zumwalt	Tulare	CA	93274	F	2	10	White	Agrisc enc
6135 Ave 248	Tulare	CA	93274	F	2	10	Hispanic	e Agrisc enc
829 N Oaks	Tulare	CA	93274	F	3	11	White	O.H. Agrisc enc
PO Box 402	Tulare	CA	93274	M	1	9	Hispanic	e Agrisc enc
400 S Los Angeles	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.
912 Milner	Tulare	CA	93274	F	3	12	White	O.H. Agrisc enc
656 W Beacon	Tulare	CA	93274	M	2	12	White	Ag Mch. An.
20101 Road 44	Tulare	CA	93274	F	4	12	White	Scien e Agrisc enc
383 E Sandra	Tulare	CA	93274	F	2	12	White	e An. Scien e
P.o. Box 786	Pixley	CA	93256	M	2	12	Hispanic	Agrisc enc
269 Sandra	Tulare	CA	93274	F	2	10	White	e Agrisc enc
1438 Kaweah Dr.	Tulare	CA	93274	F	2	10	White	e Agrisc enc
3863 Nicolepein	Tulare	CA	93274	F	1	10	Hispanic	e Agrisc enc
1113 Brentwood	Tulare	CA	93274	M	1	9	Am. Ind.	e Agrisc enc
1754 Trebbiano	Tulare	CA	93274	F	1	9	White	e Agrisc enc
1044 Cedar	Tulare	CA	93274	F	1	9	Hispanic	e An. Scien e
8800 Ave. 208	Tulare	CA	93274	F	3	11	White	Agrisc enc
921 South Kazarian	Tulare	CA	93274	F	1	9	White	e Agrisc enc
14147 Jan Court	Tulare	CA	93274	M	3	11	White	Ag Mch. Agrisc enc
1172 W Ramon	Tulare	CA	93274	M	1	9	Hispanic	e Agrisc enc
1824 E. Ben Franklin	Tulare	CA	93274	F	2	10	White	e An. Scien e
2684 Tecopa	Tulare	CA	93274	M	4	12	White	An. Scien e
601 S Pratt	Tulare	CA	93274	F	1	11	Hispanic	Scien e Agrisc enc
440 North E	Tulare	CA	93274	M	1	10	Hispanic	e Agrisc enc
PO Box 591	Tulare	CA	93274	M	1	9	White	e Agrisc enc
534 Tuohy St.	Tulare	CA	93274	F	3	11	White	O.H. Agrisc enc
14550 A Ave. 256	Visalia	CA	93292	F	2	10	White	e Agrisc enc

18335 Rd. 144	Tulare	CA	93274	M	3	11	White	Ag Mch.
263 Johnson Court	Tulare	CA	93274	M	4	12	Hispanic	Ag Bus Mgt
712 South G. St.	Tulare	CA	93274	F	2	10	Hispanic	Agrisc enc
8608 Ave 208	Tulare	CA	93274	M	1	11	White	Ag Mch.
1614 No Oaks	Tulare	CA	93274	M	2	12	Hispanic	Ag Mch.
4738 Ave 230	Tulare	CA	93274	M	2	10	Hispanic	Agrisc enc
1533 Firestone	Tulare	CA	93274	M	1	10	Hispanic	e
277 Washington	Tulare	CA	93274	M	2	12	Am. Ind.	Ag Mch.
1035 Sycamore	Tulare	CA	93274	M	1	10	White	Agrisc enc
938 N A Street	Tulare	CA	93274	F	1	10	Black	e
19693 Road 124	Tulare	CA	93274	M	1	9	Am. Ind.	e
591 W Bardsley	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
1190 Callison	Tipton	CA	93272	M	5	13	White	Ag Bus Mgt
591 Bardsley Ave	Tulare	CA	93274	M	2	10	White	Agrisc enc
3419 West Oakdale	Tulare	CA	93274	M	1	9	Hispanic	e
591 W Bardsley	Tulare	CA	93274	M	2	10	Hispanic	Agrisc enc
1299 Greenwood	Tulare	CA	93274	F	1	9	White	e
1550 E Walnut	Tulare	CA	93274	M	1	9	White	Agrisc enc
4363 Ave 232	Tulare	CA	93274	F	1	10	Hispanic	e
605 Blackstone	Tulare	CA	93274	F	3	12	White	O.H.
1355 Cabernet	Tulare	CA	93274	F	1	9	White	Agrisc enc
218 Hemingway	Tulare	CA	93274	F	3	11	White	An.
900 E Rankin	Tulare	CA	93274	M	1	12	Hispanic	Scienc e
217 Shelly Court	Tulare	CA	93274	M	1	9	White	Ag Mch.
202 Dickens	Tulare	CA	93274	F	1	9	White	Agrisc enc
20328 Road 180	Tulare	CA	93274	M	3	12	White	e
762 Alpha	Tulare	CA	93274	M	1	10	White	Ag Bus Mgt
18157 Road 112	Tulare	CA	93274	M	1	9	Hispanic	Ag Mch.
1038 Tulare	Tulare	CA	93274	F	1	9	White	Agrisc enc
783 Bender	Tulare	CA	93274	M	1	9	Hispanic	e
1428 Killelte	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
1703 S Spruce	Tulare	CA	93274	M	1	11	Hispanic	e
1152 Damron	Tulare	CA	93274	F	1	9	Hispanic	Ag Mch.
1156 W Sonora	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc

625 Enterprise	Tulare	CA	93274	F	1	11	Hispanic	An. Scienc
660 Penair	Tulare	CA	93274	F	1	9	Hispanic	Agriscenc
14538 Ave 256	Tulare	CA	93274	F	1	10	White	Agriscenc
911 Madalyn	Tulare	CA	93274	F	1	9	Filipino	Agriscenc
121 Salida	Tulare	CA	93274	M	1	9	White	Agriscenc
1502 Firestone	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.
18168 Road 144	Tulare	CA	93274	F	4	12	White	O.H.
16777 South I Drive	Tulare	CA	93274	M	3	11	White	Ag Mch.
16777 Sout I Drive	Tulare	CA	93274	M	1	9	White	Agriscenc
577 Berrywood	Tulare	CA	93274	M	1	12	Hispanic	Ag Bus Mgt
591 West Bardsley	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.
2305 Azalea	Tulare	CA	93274	M	1	9	White	Agriscenc
1915 Irwin	Tulare	CA	93274	F	1	9	White	Agriscenc
591 West Bardsley	Tulare	CA	93274	F	1	9	White	Agriscenc
2506 S Tommy Court	Visalia	CA	93277	M	2	10	White	Agriscenc
8790 Ave 152	Tipton	CA	93272	F	1	12	White	Agriscenc
827 W Tulare	Tulare	CA	93274	F	1	11	Hispanic	O.H.
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriscenc
133 S Los Angeles	Tulare	CA	93274	M	1	9	Hispanic	Agriscenc
4660 Pratt	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.
945 Ladawna	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.
14254 Redbud Drive	Tulare	CA	93274	F	2	10	Hispanic	Agriscenc
591 W Bardsley	Tulare	CA	93274	F	3	11	Hispanic	An. Scienc
132 N D Street	Tulare	CA	93274	M	2	12	Black	Ag Mch.
22601 Rd. 148	Tulare	CA	93274	M	4	12	White	An. Scienc
485 S. Forest St	Tulare	CA	93274	M	3	11	White	Ag Mch.
1625 Cabrillo	Tulare	CA	93274	M	1	9	Hispanic	Agriscenc
13200 Road 112	Tipton	CA	93272	M	3	11	Asian/Pa c	Ag Bus Mgt
1842 Tocca Ave	Tulare	CA	93274	F	2	10	White	Agriscenc
1919 Henshaw	Tulare	CA	93274	M	2	10	Hispanic	Agriscenc
1849 Cabrillo	Tulare Strathmor e	CA	93274	M	2	10	White	Agriscenc
19019 Ave. 202	e	CA	93274	F	2	10	White	Agriscenc
1467 W. Beaumont	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch.
188 East Woodward	Tulare	CA	93274	F	2	10	White	Agriscenc

9316 Ave 184	Tulare	CA	93274	M	3	11	White	Ag Mch.
1340 Olympia Ave.	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
4375 N. West Street	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
2684 Tecopa	Tulare	CA	93274	M	4	12	White	Ag Mch.
1921 Cambridge	Tulare	CA	93274	M	1	9	White	Agrisc enc
381 Mendocino	Tulare	CA	93274	M	1	9	White	Agrisc enc
169 Merritt	Tulare	CA	93274	F	4	12	White	An. Scien e
1048 Alameda	Tulare	CA	93274	F	2	10	Hispanic	Agrisc enc
1965 Academy	Tulare	CA	93274	M	2	10	White	Agrisc enc
1921 North Theadore Ct.	Tulare	CA	93274	F	2	10	Black	Agrisc enc
2520 Ave. 136	Corcoran	CA	93212	F	2	10	White	Agrisc enc
22727 Road 132	Tulare	CA	93274	M	2	11	White	Ag Bus Mgt
13030 Avenue 230	Tulare	CA	93274	M	3	11	White	Ag Mch.
1193 Hillcrest Ave.	Tulare	CA	93274	M	2	10	White	Ag Mch.
2096 Alcott	Tulare	CA	93274	M	1	9	White	Agrisc enc
1413 Sonora	Tulare	CA	93274	F	1	9	White	Agrisc enc
21511 Road 76	Tulare	CA	93274	F	1	10	White	Agrisc enc
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
1715 Target	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
13955 Road 80	Tulare	CA	93274	F	1	9	White	Agrisc enc
440 W Maple	Tulare	CA	93274	F	1	9	Asian/Pa c	Agrisc enc
132 South C Street	Tulare	CA	93274	F	1	10	Hispanic	Agrisc enc
2362 Zenaida	Tulare	CA	93274	M	1	10	White	Agrisc enc
P.o. Box 594	Pixley	CA	93256	F	2	10	White	Agrisc enc
13043 Rd. 112	Tipton	CA	93272	F	2	11	Hispanic	Ag Mch.
1784 Pyramid Ave.	Tulare	CA	93274	F	2	10	White	Agrisc enc
2433 Crystal Springs	Tulare	CA	93274	F	1	9	White	Agrisc enc
1209 Gail	Tulare	CA	93274	F	1	9	White	Agrisc enc
1995 Valley Forge	Tulare	CA	93274	M	2	11	White	Ag Mch.
591 West Bardley	Tulare	CA	93274	M	1	10	Hispanic	Ag Mch.
1038 E Cross	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
720 Whitney	Tulare	CA	93274	F	1	12	White	Ag Mch.
1074 S Cardoza	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
1386 Clarete	Tulare	CA	93274	F	1	12	White	Agrisc enc

946 Haven Court	Tulare	CA	93274	M	1	9	Asian/Pacific	Agriculture	Engineering
440 S Becky	Tulare	CA	93274	F	1	9	White	Agriculture	Engineering
1215 Pleasant	Tulare	CA	93274	F	1	12	White	O.H.	Engineering
259 North G	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
2231 Poppy View	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
1958 Pleasant	Tulare	CA	93274	M	1	9	Black	Agriculture	Engineering
405 Hilldale	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
1293 Millerton	Tulare	CA	93274	F	1	9	Black	Agriculture	Engineering
831 S R Street	Tulare	CA	93274	F	2	10	Hispanic	Agriculture	Engineering
603 W Sonora	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
18157 Road 112	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
1887 Gomez	Tulare	CA	93274	F	1	10	White	Agriculture	Engineering
17351 So U Street	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
651 So U Street	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
17351 Road 96	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
162 Wade	Tulare	CA	93274	F	1	11	Hispanic	Animal Science	Engineering
293 Cedar	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
402 Stadium	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
2201 E Bardley	Tulare	CA	93274	F	1	9	White	Agriculture	Engineering
20429 Road 124	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
162 Merritt	Tulare	CA	93274	F	1	9	White	Agriculture	Engineering
1188 E Kern	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
1125 Pleasant	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
1287 Chavez Court	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.	Engineering
4667 Ave 230	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
8539 Road 151	Pixley	CA	93256	M	1	9	Hispanic	Agriculture	Engineering
17057 Road 32	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.	Engineering
4667 Ave 230	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering
591 Bardsley	Tulare	CA	93274	F	1	9	Hispanic	Agriculture	Engineering
431 Larkin Street	Tulare	CA	93274	M	1	9	Hispanic	Agriculture	Engineering

1797 Bonarda Ave	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
958 N Atwood	Tulare	CA	93274	F	1	10	Am. Ind.	Agrisc	enc
468 Meadow	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
654 San Diego	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
PO Box 2	Pixley	CA	93256	M	1	9	Hispanic	Agrisc	enc
2411 Juniper	Tulare	CA	93274	F	1	10	White	Agrisc	enc
PO Box 274	Pixley	CA	93256	M	1	12	Hispanic	Ag M	ch.
761 E Apricot	Tulare	CA	93274	M	1	9	White	Agrisc	enc
1261 Malibu	Tulare	CA	93274	M	1	9	White	Agrisc	enc
1186 Bargetto	Tulare	CA	93274	F	1	9	White	Agrisc	enc
2154 Gomez	Tulare	CA	93274	M	1	9	White	Agrisc	enc
PO Box 15	Tulare	CA	93274	M	3	11	White	Ag M	ch.
1672 Port Court	Tulare	CA	93274	F	1	9	White	Agrisc	enc
PO Box 881	Tipton	CA	93272	F	1	9	Hispanic	Agrisc	enc
893 Academy	Tulare	CA	93274	F	4	12	White	An.	Scienc
1166 Nelda Grove	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
591 w Bardlsey	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc
680 Ventura	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
1306 Peppertree	Visalia	CA	93292	M	1	12	Asian/Pa c	Agrisc	enc
4190 N Mooney	Tulare	CA	93274	M	1	11	White	Agrisc	enc
145 S Sacramento	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
13416 Rd. 136	Tipton	CA	93272	M	2	11	Hispanic	Ag M	ch.
Ave. 228 13860	Tulare	CA	93274	F	2	11	Hispanic	An.	Scienc
9988 Ave 152	Tipton	CA	93272	M	2	10	White	Ag M	ch.
2654 E Kern Ave	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
22529 Road 140	Tulare	CA	93274	M	2	11	White	Ag M	ch.
PO Box 610	Pixley	CA	93256	F	1	9	Hispanic	Agrisc	enc
2168 Prosperity	Tulare	CA	93274	F	2	10	White	An.	Scienc
17974 Road 32	Tulare	CA	93274	F	3	11	Hispanic	Scienc	enc
2165 North M St.	Tulare	CA	93274	M	4	12	White	Ag M	ch.
22401 Rd. 20	Tulare	CA	93274	M	3	11	White	Ag M	ch.
20377 Rd. 140	Tulare	CA	93274	F	2	10	White	Agrisc	enc
1733 Modoc	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc

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358 Ranch Acre Rd.	Tulare	CA	93274	M	3	11	White	Ag Mch.		
844 S T	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
Po Box 1155	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.		
5901 South I Drive	Tulare	CA	93274	M	4	12	White	Ag Mch.		
440 S Berry	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
21744 Road 152	Tulare	CA	93274	F	5	13	White	An.		
1103 Meridian Ct.	Tulare	CA	93274	F	4	12	White	Scien	e	
2164 N Adams	Tulare	CA	93274	F	3	11	White	Agrisc	enc	
1567 S. Spruce St.	Tulare	CA	93274	M	4	12	White	e		
1567 S. Spruce	Tulare	CA	93274	M	4	12	White	An.		
1264 N. Brentwood	Tulare	CA	93274	F	2	10	White	Scien	e	
1212 Chandler Court	Tulare	CA	93274	F	3	11	White	Agrisc	enc	
22901 Rd. 140	Tulare	CA	93274	M	2	10	White	e		
1430 Alpine	Tulare	CA	93274	F	1	9	Black	Ag Mch.		
917 Lynora	Tulare	CA	93274	M	5	13	White	Agrisc	enc	
1729 Hatch	Tulare	CA	93274	F	3	11	White	e		
841 Lyndale	Tulare	CA	93274	F	2	12	White	O.H.		
E Estate	Tulare	CA	93274	F	6	14	White	Agrisc	enc	
591 W Bardsley	Tulare	CA	93274	F	1	9	Hispanic	e		
13044 Ave. 230	Tulare	CA	93274	M	2	11	White	Agrisc	enc	
327 N Pine	Tulare	CA	93274	F	1	12	Hispanic	Ag Mch.		
1201 Kristen Circle	Tulare	CA	93274	F	4	12	White	O.H.		
1199 Ben Franklin	Tulare	CA	93274	M	1	9	Hispanic	Ag Bus Mgt		
684 N F Street	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
315 Mark Twain	Tulare	CA	93274	F	2	10	White	e		
137 N E Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1036 N Sacramento	Tulare	CA	93274	M	1	10	Hispanic	e		
1264 N. Brentwood	Tulare	CA	93274	F	2	10	White	Ag Mch.		
Salida Palce	Tulare	CA	93274	F	6	14	Hispanic	Agrisc	enc	
1047 Cupertino	Tulare	CA	93274	F	3	11	Hispanic	e		
1170 Petaluma	Tulare	CA	93274	M	4	12	White	Ag Bus Mgt		
1819 Plymouth	Tulare	CA	93274	F	4	12	Hispanic	Ag Mch.		
22225 Road 152	Tulare	CA	93274	F	5	13	White	Agrisc	enc	
435 N. Gem	Tulare	CA	93274	M	2	10	White	Ag Mch.		

684 N F Street	Tulare	CA	93274	F	6	14	White	An. Science	Agri
3766 N Colpein	Tulare	CA	93274	M	2	10	White	Agri	enc
2070 Hatch	Tulare	CA	93274	F	2	10	Hispanic	Agri	enc
590 N Palm	Tulare	CA	93274	F	2	10	Hispanic	Agri	enc
416 Jackson	Tulare	CA	93274	M	2	10	White	Ag Mch.	
2111 Delaware	Tulare	CA	93274	M	2	10	Hispanic	Agri	enc
434 Warren	Tulare	CA	93274	F	2	10	White	Agri	enc
1893 Stage Coach Ct.	Tulare	CA	93274	M	3	11	Hispanic	Ag Mch.	
1629 E. Walnut Ave.	Tulare	CA	93274	M	2	10	White	Agri	enc
1824 Sundance	Tulare	CA	93274	F	3	11	Hispanic Asian/Pa	Ag Bus Mgt	
4031 W. Damsen	Visalia	CA	93271	F	2	10	c	Agri	enc
1355 Cabernet Dr	Tulare	CA	93274	M	2	11	White	Ag Mch.	
1896 E. Bridger Ave.	Tualre	CA	93274	F	2	10	White	Agri	enc
23361 Rd. 126	Tulare	CA	93274	M	3	11	White	Ag Mch.	
1951 Vintage	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt	
1722 Champagne St.	Tulare	CA	93274	F	2	10	White	Agri	enc
3860 Ave 232	Tulare	CA	93274	F	3	11	White	An. Science	Agri
537 Coral St.	Tulare	CA	93274	F	2	10	Hispanic	Agri	enc
1400 Vintage	Tulare	CA	93274	F	6	14	White	An. Science	Agri
1400 Vintage	Tulare	CA	93274	M	2	10	White	Agri	enc
25320 Road 44	Tulare	CA	93274	M	2	10	White	Ag Mch.	
263 Colorado	Tulare	CA	93274	F	3	11	White	An. Science	Agri
209 S Moraine Street	Tulare	CA	93274	M	3	11	Hispanic	Ag Mch.	
935 S R Street	Tulare	CA	93274	M	2	10	Hispanic	Agri	enc
1303 E. Sequoia	Tulare	CA	93274	F	2	10	Hispanic	Agri	enc
952 South T. Street	Tulare	CA	93274	M	4	12	Hispanic	O.H.	
1154 W Sonora	Tulare	CA	93274	M	4	12	Hispanic	Ag Mch.	
1184 Santa Monica	Tulare	CA	93274	F	2	10	Hispanic	Agri	enc
1969 Cambridge Circle	Tulare	CA	93274	M	3	11	White	An. Science	Agri
935 Westfield	Tulare	CA	93274	M	3	11	White	Ag Mch.	
25979 Road 84	Tulare	CA	93274	F	4	12	White	An. Science	Agri
2915 W Prosperity	Tulare	CA	93274	M	3	11	Hispanic	An. Science	Agri
2275 N. Polk St.	Tulare	CA	93274	M	4	12	White	Ag Mch.	
1148 S. Vetter Dr.	Tulare	CA	93274	M	4	12	Hispanic	Ag Bus Mgt	
21356 Ave. 245	Lindsay	CA	93274	F	2	10	White	Agri	enc

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874 N. Sacramento	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	
1700 S. Irwin St.	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc	
13870 Ave. 228	Tulare	CA	93274	M	2	10	White	Agrisc	enc	
852 South Vetter	Tulare	CA	93274	M	3	12	Hispanic	Ag M	ch.	
5162 Ave 252	Tulare	CA	93274	F	2	11	White	Agrisc	enc	
16131 Road 80	Tulare	CA	93274	M	4	12	White	Ag M	ch.	
PO Box 1890	Tulare	CA	93274	M	3	11	White	Ag M	ch.	
591 B South Oakmore	Tulare	CA	93274	F	5	13	White	Ag Bu	s Mgt	
14727 Rd. 96	Tipton	CA	93272	F	4	12	White	An.	Scienc	e
1408 Stockham	Tulare	CA	93274	F	3	11	Hispanic	An.	Scienc	e
2155 E. Alpine Ct.	Tulare	CA	93274	F	3	11	Hispanic	Ag Bu	s Mgt	
4703 Ave 229	Tulare	CA	93274	F	4	12	Hispanic	Ag Bu	s Mgt	
1253 Malibu	Tulare	CA	93274	F	2	11	White	An.	Scienc	e
945 N Malaleb	Tulare	CA	93274	F	3	11	White	An.	Scienc	e
PO Box 2144	Tulare	CA	93274	M	2	10	White	Ag M	ch.	
2149 Shell Ct.	Tulare	CA	93274	M	2	10	White	Agrisc	enc	
777 E. King Ave. Apt. A	Tulare	CA	93274	F	3	11	White	O.H.		
1775 Lewis Lane	Tulare	CA	93274	F	5	13	White	An.	Scienc	e
PO Box 591	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
1944 Vintage	Tulare	CA	93274	F	2	11	White	O.H.		
PO Box 1102	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
591 W Bardsley	Tulare	CA	93274	M	2	10	Hispanic	Ag M	ch.	
PO Box 448	Tulare	CA	93275	F	1	9	White	Agrisc	enc	
PO Box 448	Tulare	CA	93275	M	1	9	White	Agrisc	enc	
645 So S Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
2618 Arciejo	Tulare	CA	93274	M	2	10	White	Ag M	ch.	
427 W League	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	
19302 Road 28	Tulare	CA	93274	M	2	11	White	Ag M	ch.	
1681 Lewis Lane	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
20429 Rd. 124	Tulare	CA	93274	M	2	10	White	Agrisc	enc	
14790 Ave. 224	Tulare	CA	93274	F	2	11	Hispanic	O.H.		
263 S. Latimer	Tulare	CA	93274	F	3	11	White	Ag Bu	s Mgt	
530 Coral St.	Tulare	CA	93274	M	2	10	White	Agrisc	enc	

1939 Irving Circle	Tulare	CA	93274	F	3	11	White	An. Science
1410 Cottonwood	Tulare	CA	93274	F	4	12	White	O.H. An. Science
13861 Rd. 120	Tipton	CA	93272	F	5	13	White	An. Science
13857 Rd. 120	Tipton	CA	93272	F	3	11	White	An. Science
1126 Damron	Tulare	CA	93274	M	3	11	White	Ag Mch. Agrisc
591 West Bardsley	Tulare	CA	93274	F	2	10	White	Ag Mch. Agrisc
6508 Ave 260	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch. Agrisc
110 S. Sacramento St.	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch. Agrisc
700 W. Alpine Ave	Tulare	CA	93274	M	3	12	Hispanic	Ag Mch. Agrisc
922 Petaluma St.	Tulare	CA	93274	F	2	10	Hispanic	Ag Mch. Agrisc
1267 N H Street	Tulare	CA	93274	M	3	11	White	Ag Mch. Agrisc
1267 N H Street	Tulare	CA	93274	M	5	13	White	Ag Mch. Agrisc
1120 N Petaluma	Tulare	CA	93274	F	2	10	Hispanic	Ag Mch. Agrisc
375 Mendoncino Court	Tulare	CA	93274	M	3	12	White	Ag Mch. Agrisc
10002 Ave. 144	Tipton	CA	93272	F	4	12	White	Ag Mch. Agrisc
1028 N. Greenwood	Tulare	CA	93274	F	3	11	White	Ag Mch. Agrisc
19231 Balaam Dr.	Tulare	CA	93274	M	2	10	Hispanic	Ag Mch. Agrisc
1190 Callison	Tipton	CA	93272	M	3	11	White	Ag Mch. Agrisc
18150 Road 112	Tulare	CA	93274	M	2	10	White	Ag Mch. Agrisc
12727 Ave 240	Tulare	CA	93274	F	1	9	White	Ag Mch. Agrisc
736 South D	Tulare	CA	93274	M	1	9	Hispanic	Ag Mch. Agrisc
2514 La Paloma	Tulare	CA	93274	F	1	9	White	Ag Mch. Agrisc
652 Alpha	Tulare	CA	93274	M	1	10	White	Ag Mch. Agrisc
14727 Road 96	Tipton	CA	93272	F	1	9	White	Ag Mch. Agrisc
592 Iverness	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch. Agrisc
415 Tipton	Tipton	CA	93272	M	1	9	Hispanic	Ag Mch. Agrisc
PO Box 552	Tipton	CA	93272	M	2	12	Hispanic	Ag Mch. Agrisc
13416 Road 36	Tulare	CA	93274	F	1	9	Hispanic	Ag Mch. Agrisc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Ag Mch. Agrisc
PO Box 1901	Tulare	CA	93275	F	5	13	White	Ag Mch. Agrisc
2450 W Pleasant	Tulare	CA	93274	F	5	13	White	Ag Mch. Agrisc
1620 Levin	Tulare	CA	93274	M	1	9	White	Ag Mch. Agrisc
1262 Salome	Tulare	CA	93274	M	1	9	Hispanic	Ag Mch. Agrisc

132 Gail	Tulare	CA	93274	F	1	9	Am. Ind.	Agrisc	enc
2059 Poppywood	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
505 S H Street	Tulare	CA	93274	F	1	9	White	Agrisc	enc
1101 N Manor	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.	
11523 Ave 266	Tulare	CA	93274	M	1	12	White	Ag Mch.	
2080 Shell Court	Tulare	CA	93274	M	1	10	White	Agrisc	enc
1883 Harmon Circle	Tulare	CA	93274	M	1	9	White	Agrisc	enc
544 N F Street	Tulare	CA	93274	F	1	10	White	Agrisc	enc
1186 Belmont	Tulare	CA	93274	M	1	9	White	Agrisc	enc
359 S Pratt	Tulare	CA	93274	F	1	9	White	Agrisc	enc
PO Box 16	Tulare	CA	93274	M	1	9	White	Agrisc	enc
430 South C Street	Tulare	CA	93274	F	2	10	Am. Ind.	Agrisc	enc
23968 Road 68	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc
964 Denair Street	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.	
Po Box 16	Pixley	CA	93256	M	1	9	Hispanic	Agrisc	enc
143 Mitchell	Tulare	CA	93274	M	1	9	White	Agrisc	enc
339 Beacon	Tulare	CA	93274	F	1	9	White	Agrisc	enc
907 Latimer	Tulare	CA	93274	M	1	12	White	An. x.	
1651 Estrella	Tulare	CA	93274	M	3	12	White	Scienc	e
2433 Crystal Springs	Tulare	CA	93274	F	1	12	Hispanic	O.H.	
1421 Pleasant	Tulare	CA	93274	M	1	12	Hispanic	Ag Bus Mgt	
1318 East Ash	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
809 North M Street	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
591 w Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
1328 E Academy	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	F	1	9	White	Agrisc	enc
396 Gemini	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
396 Gemini	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
163 White Street	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.	

14727 Ave 192	Tulare	CA	93274	F	1	9	White	Agrisc	enc
16131 Road 80	Tulare	CA	93274	F	1	9	White	Agrisc	enc
1819 Plymouth	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
525 S Forest	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
2140 E Bardsley	Tulare	CA	93274	M	1	12	White	Ag Mch.	
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agrisc	enc
711 N Milner	Tulare	CA	93274	M	1	9	White	Agrisc	enc
709 E Mariposa	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
1963 Weyrich	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.	
1833 S Irwin	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.	
PO Box 641	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
985 Ladwan	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.	
PO Box 936	Pixley	CA	93274	M	1	9	Hispanic	Agrisc	enc
1446 Cypress	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1197 North A	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
23805 Road 68	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
3342 Ave 199	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc
530 Boxwood	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1570 Palomino	Tulare	CA	93274	F	1	9	White	Agrisc	enc
2349 Azaela	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
PO Box 4445	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
PO Box 610	Tulare	CA	93274	M	1	10	White	Agrisc	enc
1897 Cassidy	Tulare	CA	93274	F	1	9	White	Agrisc	enc
2400 Katy Meadow	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1140 Chardonnay	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc
617 S S Street	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc
15046 Ave 224	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
2704 North Airport	Pixley	CA	93256	F	1	9	Hispanic	Agrisc	enc
PO Box 777	Tulare	CA	93274	M	1	9	White	Agrisc	enc
591 W Bardsley	Tulare	CA	93274	F	1	12	Asian/Pa	Agrisc	enc
1900 Levin	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc

1603 Oakdale	Tulare	CA	93274	M	1	11	White	Ag Mch.
1817 Sandalwood	Tulare	CA	93274	M	1	12	White	Ag Mch.
22911 Brian Road	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.
1520 Calaveras	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
PO Box 436	Tulare	CA	93274	M	1	9	White	Agrisc enc
1735 Rosa Ave	Tulare	CA	93274	F	1	10	White	Agrisc enc
829 Blackstone	Tulare	CA	93274	F	1	9	Am. Ind.	Agrisc enc
2120 E Owens	Tulare	CA	93274	M	2	11	White	Ag Mch.
491 Buttonwood	Tulare	CA	93274	M	3	12	Hispanic	Ag Mch.
962 S Mammoth	Tulare	CA	93274	F	1	10	White	Agrisc enc
386 Jackson	Tulare	CA	93274	F	1	9	White	Agrisc enc
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
500 Peachwood	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
499 West Diamond	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
602 S Spruce	Tulare	CA	93274	F	1	10	White	Agrisc enc
1789 Dalton	Tulare	CA	93274	F	1	9	White	Agrisc enc
732 E King	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
933 West Elm	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
420 Meadow	Tulare	CA	93274	F	1	9	Hispanic	Agrisc enc
642 Manor Street	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
1865 Burton	Tulare	CA	93274	M	1	9	White	An.
157 Montano De Oro	Tulare	CA	93274	M	1	11	Hispanic	Scien e
4660 Ave 288	Tulare	CA	93274	M	2	11	Hispanic	Ag Mch.
1533 Etna	Tulare	CA	93274	F	1	10	Hispanic	Agrisc enc
955 South K	Tulare	CA	93274	F	1	9	White	Agrisc enc
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
428 Bardsley	Tulare	CA	93274	F	1	10	White	Agrisc enc
319 South D	Tulare	CA	93274	F	1	9	Hispanic	An.
241 South E	Tulare	CA	93274	F	1	11	Hispanic	Scien e
8145 Road 128	Pixley	CA	93256	F	1	9	Hispanic	Agrisc enc
454 South E	Tulare	CA	93274	M	1	9	Hispanic	Agrisc enc
1944 Vontage	Tulare	CA	93274	F	1	9	White	Agrisc enc

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530 S West Street	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
591 West Bardsley	Tulare	CA	93274	M	1	10	Black	Agrisc	enc	
1327 E Sequioa	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
444 W Meadon	Tulare	CA	93274	M	1	10	Hispanic	Agrisc	enc	
237 Montana De Oro	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
19577 Road 96	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
1902 Theodore	Tulare	CA	93274	M	1	12	White	Ag Bus Mgt		
1116 Verdelino	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
22991 Road 140	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc	
906 East San Joaquin	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.		
591 W Bardsley	Tulare	CA	93274	M	1	11	White	An.		
3000 Bright	Tulare	CA	93274	M	1	9	Hispanic	Science		
2056 Stagecoach	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
2065 Stagecoach	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	x.
498 Dogwood	Tulare	CA	93274	F	2	10	Hispanic	Agrisc	enc	
351 N West	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
PO Box 213	Tulare	CA	93274	M	1	11	White	Ag Mch.		
921 Owens	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1921 Theador	Tulare	CA	93274	M	1	9	Black	Agrisc	enc	
PO Box 1947	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
317 S O	Tulare	CA	93274	F	1	11	White	An.		
590 S Elm	Tulare	CA	93274	F	1	9	Hispanic	Science		
889 South Ann	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
889 South Ann	Tulare	CA	93274	M	1	12	Hispanic	Agrisc	enc	
351 N Ann	Tulare	CA	93274	M	1	9	Hispanic	Ag Mch.		
1867 Trebbiano	Tulare	CA	93274	M	1	10	Hispanic	Agrisc	enc	
1970 E Sunset	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
1779 Sandalwood	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
542 South U Street	Tulare	CA	93274	M	1	12	Hispanic	Ag Mch.		
1744 Mt Whitney	Tulare	CA	93274	F	1	11	Hispanic	Ag Bus Mgt		
1929 Pyramid	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
PO Box 595	Pixley	CA	93256	M	1	9	Hispanic	Agrisc	enc	

1553 E Sierra	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
881 Cardoza	Tulare	CA	93274	F	1	11	Hispanic	e	Agrisc	enc
645 San Diego	Tulare	CA	93274	M	1	12	Hispanic	Ag M	ch.	
700 W Alpine	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
22201 Road 60	Tulare	CA	93274	F	1	12	Am. Ind.	An.	Scien	e
818 S Silva	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
1187 Cupertino	Tulare	CA	93274	M	1	10	Hispanic	e	Agrisc	enc
11141 Ave 264	Tulare	CA	93274	F	1	11	White	An.	Scien	e
438 W Meadow	Tulare	CA	93274	M	1	9	Black	e	Agrisc	enc
1155 Cupertino	Tulare	CA	93274	M	1	10	Hispanic	e	Agrisc	enc
PO Box 1024	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
24754 Road 152	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
740 S Q Street	Tulare	CA	93274	F	1	11	Hispanic	An.	Scien	e
581 E Oneals	Tulare	CA	93274	M	1	10	Hispanic	e	Agrisc	enc
379 Hampton	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
PO Box 265	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
PO Box 998	Tulare	CA	93274	M	1	9	Black	e	Agrisc	enc
905 Palo Alto	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
857 Petaluma	Tulare	CA	93274	M	1	9	White	e	Agrisc	enc
1550 Pepperwood	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
400 S Blackstone	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
PO Box 555	Tipton	CA	93272	F	1	9	Hispanic	e	Agrisc	enc
22948 Road 130	Tulare	CA	93274	M	1	9	White	e	Agrisc	enc
1150 Cabrillo	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
PO Box 335	Tulare	CA	93274	F	1	9	White	e	Agrisc	enc
PO Box 44	Tulare	CA	93274	F	1	9	White	e	Agrisc	enc
107 S Dirsadero	Visalia	CA	93291	F	1	9	Black	e	Agrisc	enc
1295 Mathais	Tulare	CA	93274	M	1	9	Hispanic	e	Agrisc	enc
725 Bender Court	Tulare	CA	93274	F	1	9	Hispanic	e	Agrisc	enc
14562 Ave 256	Visalia	CA	93292	M	1	9	White	Agrisc	enc	

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PO Box	Pixley	CA	93256	F	1	9	Hispanic	Agrisc	enc	
1803 Rithchild	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
PO Box 1	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1831 Sandalwood	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
1866 Harmon Circle	Tulare	CA	93274	M	1	11	Black	Ag Mch.		
1785 Mono Court	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
200 Mitchell	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
14760 Ave 208	Tulare	CA	93274	F	1	11	White	Ag Bu	Mgt	
1328 E Academy	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
2580 Swanson	Tulare	CA	93274	F	1	12	Hispanic	O.H.		
995 Ladawna	Tulare	CA	93274	F	1	10	Hispanic	Agrisc	enc	
PO Box 112	Tulare	CA	93274	M	3	12	Hispanic	Ag Mch.		
936 S Q Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1734 Charles Krug	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
2180 Shell Court	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
4200 W Orchard	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
873 N Manor	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
1780 Evergreen	Tulare	CA	93274	M	1	10	White	Agrisc	enc	
1025 E Beverly	Tulare	CA	93274	M	1	10	Hispanic	Agrisc	enc	
324 Hemingway	Tulare	CA	93274	M	2	10	White	Agrisc	enc	
970 E Academy	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
651 Tuohy	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
873 Manor	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
1124 Blue Oak	Tulare	CA	93274	M	1	11	Hispanic	Ag Mch.		
1221 Cottonwood	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1516 Cambridge	Tulare	CA	93274	F	1	10	Black	Agrisc	enc	
13870 B Ave 228	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
968 Alterwood	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
1337 Birchwood	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
316 E Lois	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
1334 Coehlo	Tulare	CA	93274	F	1	9	White	Agrisc	enc	

1836 Pleasant	Tulare	CA	93274	M	1	10	Black	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	M	1	10	Black	Ag M	ch.
1125 Greenwood	Tulare	CA	93274	F	4	12	White	An.	Scienc
621 Blackstone	Tulare	CA	93274	F	1	10	White	Agrisc	enc
14999 Ave 232	Tulare	CA	93274	M	1	9	White	Agrisc	enc
4470 Ave 230	Tulare	CA	93274	M	1	11	Hispanic	Ag M	ch.
12081 Ave 200	Tulare	CA	93274	M	1	9	White	Agrisc	enc
2019 Alcott	Tulare	CA	93274	M	1	11	White	Ag M	ch.
2132 Marvin	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
PO Box 1947	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
355 Mitchell	Tulare	CA	93274	F	1	9	White	Agrisc	enc
20969 Road 52	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc
PO Box 786	Pixley	CA	93256	F	1	9	Hispanic	Agrisc	enc
9797 A Ave 196	Tulare	CA	93274	F	1	11	White	O.H.	Ag M
PO Box 1113	Tulare	CA	93275	M	1	9	White	Agrisc	enc
591 West Bardsley	Tulare	CA	93274	M	1	10	Hispanic	Ag M	ch.
894 Spruce	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
1973 Harvard	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
472 S Becky	Tulare	CA	93274	M	2	10	Hispanic	Agrisc	enc
700 E Prosperity	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc
PO Box 211	Pixley	CA	93256	M	1	11	Hispanic	Ag M	ch.
1201 Kristen Circle	Tulare	CA	93274	M	1	9	Asian/Pa	Agrisc	enc
748 South Walter	Tulare	CA	93274	M	1	9	White	Agrisc	enc
669 Coral	Tulare	CA	93274	M	1	9	White	Agrisc	enc
14538 Ave 256	Tulare	CA	93274	M	1	9	White	Agrisc	enc
14538 Ave 256	Tulare	CA	93274	F	1	9	White	Agrisc	enc
14538 Ave 256	Tulare	CA	93274	F	1	9	White	Agrisc	enc
899 S Latimar	Tulare	CA	93274	F	1	9	White	Agrisc	enc
PO Box 225	Tulare	CA	93275	F	1	9	Hispanic	Agrisc	enc
2015 W Hatch	Tulare	CA	93274	F	1	11	White	An.	Scienc
319 South F Street	Tulare	CA	93274	M	1	11	Hispanic	Ag M	ch.
22401 Rd 20	Tulare	CA	93274	F	1	9	White	Agrisc	enc
1633 Zumwalt	Tulare	CA	93274	M	1	9	White	Agrisc	enc

									e	
1142 Prosperity	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
182 Cumberland	Tulare	CA	93274	M	1	9	Hispanic	Agrisc	enc	
27843 Road 68	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
1356 W Elm	Tulare	CA	93274	F	1	11	Hispanic	An. Scien	e	
1240 Mount Langley	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
869 Belmont	Tulare	CA	93274	M	1	11	White	Ag M ch.		
PO Box 1295	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
1500 Crater Lake	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
1905 Alexandria	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
1905 Alexandria	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
421 W Elm	Tulare	CA	93274	F	1	10	White	An. Scien	e	
PO Box 846	Tulare	CA	93274	F	1	12	Hispanic	Agrisc	enc	
1760 Estrella	Tulare	CA	93274	F	1	9	White	Agrisc	enc	
672 N West	Tulare	CA	93274	M	1	10	Hispanic	Ag M ch.		
348 N Santa Clara	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
124 N B Street	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
17645 South I Drive	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
123 Colorado	Tulare	CA	93274	M	1	10	White	Agrisc	enc	
24172 Road 140	Tulare	CA	93274	M	1	9	White	Agrisc	enc	
767 E Ventura	Tulare	CA	93274	F	2	10	White	Agrisc	enc	
200 S Salida	Tulare	CA	93274	F	1	9	Hispanic	Agrisc	enc	
200 S Salida	Tulare	CA	93274	F	2	12	Hispanic	O.H. Agrisc	enc	
413 Laspina	Tulare	CA	93274	M	1	9	White	e		

Quality Criteria Number Two

Leadership and Citizenship Development

2F. Based on previous year's records, the department participated in a minimum of 12 activities as listed on the FFA Activities Check Sheet.

ANNUAL FFA CHAPTER ACTIVITIES CHECK SHEET

Criteria 2e Year **2009** School **Tulare**

Must meet at least 12 areas

LEADERSHIP ACTIVITY	YES	NO
Attended State Leadership Conference	x	
Attended Regional Meeting	x	
Attended Regional Leadership Conference	x	
Attended Greenhand Conference	x	
Attended Made for Excellence Conference	x	
Attended Advanced Leadership Academy	x	
Attended Sacramento Experience	x	
Participated in Opening-Closing Contest - Sectional	x	
Participated in Best Informed Contest - Sectional	x	
Participated in Parliamentary Pro Contests - Sectional	x	
Participated in Prepared Public Speaking - Sectional	x	
Participated in Extemporaneous Speaking - Sectional	x	
Participated in Creed Recitation - Sectional	x	
Participated in Job Interview Contest - Sectional	x	
Participated in Agricultural COOP Quiz Contest - Sectional	x	
Submitted State FFA Degree Application	x	
Submitted American FFA Degree Application	x	
Submitted Proficiency Application - Sectional or Regional	x	
Submitted Chapter Award Application - Sectional or Regional	x	
Participated in Project Competition - Sectional		x
Participated in any FFA Judging Activity (other than above)	x	
Participated in any other FFA Sectional Activity	x	
Participated in Local Leadership Activities (3 maximum - list below)	x	
1 Elementary Farm Day	x	
2 Deep Pit BBQ	x	
3 Donkey Basketball	x	
TOTAL AREAS MET	24	

Quality Criteria Number Two

Leadership and Citizenship Development

2G. A minimum of 80% of the students participate in at least three leadership development activities annually as verified by department records.

Fall FFA Activities

Name	First FTA Meeting		Link Cartridges		Soda Pop Tabs		Relay for Life		Opening Closing		Officer		Cotton Judging		Citrus Judging		Deep Pit		Greenhand Conference		COLC		Sectional Meeting		Christmas Trees		National Conference		COS Field Day		Dec. Meetur	
	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Aceves, Kris	x		x		x		x		x																							
Aland, Colby			x				x																									
Allen, Frank	x		x		x																											
Anaya, Sal	x																															
Armor, Derrick	x		x																													
Battle, Brett																																
Berbereia, Blake																																
Berbereia, Blake																																
Bettencourt, Reann																																
Bettencourt, Tony	x		x																													
Blythe, Kayla																																
Calales, Alyssa	x		x																													
Cardona, Alina			x																													
Cardona, Gladis			x																													
Cardona, Gladis			x																													
Chavez, Alex			x																													
Chavez, Ryan	x																															
Conteras, Alejandra	x																															
Cooper, Kendall	x																															
Cooper, Kendall	x																															
Corral, Geneva	x		x																													
Cortez, John	x																															
Cox, Miranda	x																															
Cox, Miranda	x																															
Delagado, Jackie	x																															
Delagado, Jackie	x																															
Dolin, Lisa	x																															
Dolin, Lisa	x																															
Downing, Tiffany	x		x																													
Duran, Michael																																
Duran, Michael			x																													
Eddy, Meredith	x		x																													
Eddy, Meredith	x		x																													
Eubanks, Alyssa	x		x																													
Eubanks, Alyssa	x		x																													
Fernandez, Omar	x																															
Fernandez, Omar	x		x																													
Fernandez, Sarah																																
Fernandez, Sarah	x		x																													
Ferrumpau, Jonathan	x																															
Ferrumpau, Jonathan	x																															
Flores, Daniela	x		x																													
Flores, Daniela	x		x																													
Frazier, Garrick			x																													
Frazier, Garrick	x		x																													
Freitas, Mason	x																															
Freitas, Mason	x		x																													
Gibe, Joseph	x		x																													
Gibe, Joseph	x		x																													
Gomes, Jacob	x		x																													
Gomes, Jacob	x		x																													
Gonzalez, Manny	x		x																													
Gonzalez, Manny	x		x																													
Guerrero, Jorge	x																															
Guerrero, Jorge	x		x																													
Hobbs, Max	x																															
Hobbs, Max	x		x																													
Holland, Shannon	x		x																													
Holland, Shannon	x		x																													
Hoosier, Keri	x		x																													
Hoosier, Keri	x		x																													

Quality Criteria
Three
Practical Application of Occupational Skills

The amount of SAE projects and the scope of the projects at Tulare are incredible. Many students have jobs or own their own business in many different fields. SAE projects are a very important aspect of our program and it is also very important to the students.

We have a class that is purely dedicated to the students SAE project and allowing them to focus on that. We have many students who work on Dairies and the work experience class allows these students to earn credit as well as work on their SAE. Other students have jobs working for trailer companies, pipe supply companies and veterinary clinics. These sites are visited by the teacher in charge of the class to ensure that students are working and learning with their SAE projects.

Other than the work experience class all students are required to have and SAE project. The projects account for 10 percent of their grade in all classes. Students in some classes are required to write an SAE project report complete with pictures. Other students have the opportunity of applying for Proficiency awards to showcase their achievements. Each year we have a few students that make it to the State level for interviews. The past two years we have had four students go back to Nationals to keep for that title and have currently had 2 students win their areas.

Supporting documentation and evidence can be found in the following appendices:

Appendix a	Appendix b
Appendix c	Appendix d
Appendix e	Appendix f
Appendix g	Appendix h
Appendix i	Appendix l

Appendix m

Appendix n

Appendix o

Appendix p

Appendix q

Appendix s

Appendix u

Appendix v

Appendix y

Appendix z

Appendix kk

Appendix mm

Appendix nn

Appendix oo

Quality Criteria
Four
Qualified and Competent Personnel

There are seven full time teachers at Tulare High School. Each instructor at Tulare High School has their single subject and Ag specialist credential. The ranges of teaching experience vary from 30 years to 2 years. Some of our instructors have taught at other schools before coming here and others have only taught here. All instructors have had a minimum of 3000 hours of industry experience.

Some of our teachers grew up around the agriculture industry and some on the side are currently involved on a personal level in the agriculture industry. We have instructors that own dairies, farm pomegranates, some grow hogs and oranges. This experience that our instructors have is invaluable and helps our program achieve great things.

We also have many other teachers and administration in the district as well as board members that have been involved or have spouses that are involved in the agriculture industry. This connection that they have helps get the funding and back up that our program needs to be successful. We have many people that will support us because of the strong connection to the agriculture industry.

Supporting documentation and evidence can be found in the following appendices:

Appendix c	Appendix i
Appendix m	Appendix q
Appendix t	Appendix v
Appendix w	Appendix z
Appendix aa	Appendix bb
Appendix ee	Appendix kk

Appendix ll

Appendix oo

Quality Criteria
Five
Facilities, Equipment and Materials

Tulare High has around 70 of land of which about 60 is covered with alfalfa hay to help feed the 85 dairy cattle on campus. There is about 10 acres of land on which the classrooms and shops are a part of. We have a fully functioning dairy, hog unit, sheep unit and beef unit. We also have a working OH facility and pasture land for sheep, horses, and cattle.

There are 6 classrooms and one classroom built into the shop. The classrooms are all equipped with a teacher computer and projector for power point presentations and videos. The biology classrooms have counter tops for labs and there is a storage room for all the lab materials. These materials can also be used for the Ag one and Ag two classes if they need to be. There is a computer lab with 20 stations in it that all classes use for various activities.

The shop classes are fully equipped with tools necessary for instruction. There are many different tools in the Ag Mechanics shop from woodworking, to cold metal equipment. The small engines shop is equipped with parts cleaners, torque wrenches, sand blaster and other small tools necessary for engine work. The welding shop has 8 SMAW welders, 5 MIG welders, and 2 TIG welders. It has a large cutting table and a plasma cam for special projects.

Supporting documentation and evidence can be found in the following appendices:

Appendix n

Appendix p

Appendix q

Appendix cc

Appendix gg

Appendix hh

Appendix kk

Quality Criteria
Six
Community, Business and Industry Involvement

Our community involvement can be seen first through our Ag advisor committee involvement. We have many different community members that work in the agriculture industry that are on this committee. We have dairymen, crop farmers, veterinarians, feed mill workers, tractor company workers, sales yard owners, etc.

This committee is set up to help give advice our program and make sure that we are meeting the standards that the industry has. Our committee is made up from a variety of different areas in agriculture so that we can insure that we are giving students the full experience and making as many connections to the industry that we can make. They are currently trying to help convince the administration that we need new facilities because what we have is out dated. It is hard in these times to get money to build new facilities, but that is the other thing that our committee does. They fight for our program and help keep it alive and working so that we can feed the industry with our students.

We have many businesses that are involved in our program and help support us financially. We have tractor companies that donate full tractors for our program to use. They lend us equipment to use for our farm tours with elementary schools. We also have gotten services donated to build our dairy up and bring the facilities up to current standards which amounted to over ¼ million dollars. We have gotten great deals to cut and bail our hay and soil donated to our OH program.

Supporting documentation and evidence can be found in the following appendices:

Appendix q

Appendix ee

Appendix ff

Quality Criteria
Seven
Career Guidance

We have counselors who understand what our program is and what we are trying to accomplish. They are supportive to us and makes sure that we will have students in our classes and if we need certain things done they are willing to help us. We meet with the counselors a few times each year especially when students are signing up for classes so they understand what we want for our program. In return we give the counselors more opportunities to place student like having an Ag one class every period so that any student that wants an Ag one class can have it without moving the whole schedule around. We have counselors that understand what students want and that fact that not every student is going to go to college and that helps place the students appropriately.

Along with the counselors we help guide the students with their program goals. By having pathways in our program and our student program plans we can organize and let students know the best route to take in our program. We are consistently talking to students about their future and helping them choose the best path for their career goal. We have students that get placed in industry jobs some of which are not part owners of the companies they started working for in high school.

Supporting documentation and evidence can be found in the following appendices:

Appendix a	Appendix b
Appendix c	Appendix k
Appendix n	Appendix o
Appendix p	Appendix s
Appendix nn	

Quality Criteria
Eight
Program Promotion

Our POA is where we can start to help inform students, parents, and the community about what is going on in our program. The POA is a very important document that not only informs people of what is going on in the chapter, but it also guides our program for the year and helps us focus on what we are doing.

All of the community development activities help promote our program in a very positive way. Not only does the community see what we are doing, but we promote that we did it by sending articles into the local newspaper telling the community what we are doing.

To also help our program we have developed a website that gives anybody the opportunity to take a look at our program. This website gives people the opportunity to look at what we are accomplishing and what our program has to offer. Soon our newsletter will be posted on this website so that they can look more in depth at our program and what students are accomplishing.

Our recruitment plan also helps promote our program as well as keep it alive. We need to make sure that we are showing the younger students what our program has to offer so that we consistently have students coming into our program to replace those that leave. Without this promotion our program would definitely be smaller than it is today and would eventually die out. Supporting documentation and evidence can be found in the following appendices:

Appendix i

Appendix k

Appendix u

Appendix bb

Quality Criteria
Nine
Program Accountability and Planning

We have recently developed learning outcomes for each class to help us assess how the students are performing in classes. This is a general plan of what we would like our students to take from these classes. These guidelines have helped us address over multiple teachers teaching the same class as well as let others know what we want students to learn. Our administration has something to hold us accountable for which works for us because we were the ones who got to design these learning outcomes. Along with these learning outcomes we also update our comprehensive program plan which is a detailed document about our program and what we would like students to gain from participating in our program.

We also have benchmarks that all teachers use when teaching the same classes to make sure that all students are learning the same material. We have to consistently work together to make sure that classes are following similar schedules and using the same benchmark tests ensures that we are all teaching and follow the same schedule. We do not want students to miss out on opportunities because one teacher does not want to teach a particular area.

Supporting documentation and evidence can be found in the following appendices:

Appendix c	Appendix p
Appendix q	Appendix s
Appendix t	Appendix u
Appendix bb	Appendix gg
Appendix hh	Appendix ii
Appendix oo	

Quality Criteria
Ten
Student-Teacher Ratio

We have over 900 students for 7 teachers and the class sizes vary for the particular class we may be teaching. There are not too many students that have duplicate classes which means that each teacher has about a 1:129 student ratio. This is fairly close to where we would want to be. The problem that we run into, is when looking at the classes is that some classes have really large numbers and others have small numbers.

Our shop classes at the start of the year average around 22-24 students, but they tend to drop off and end up anywhere between 18-22 students which is right where we would like these classes to be. We are fortunate to have shop classes with these numbers because around the state many shop classes have 30 plus students in their shops. We have large classes for Ag One and Ag bio with around 32 students in these classes. This number is larger than we would want, but its hard to fight the district when other classes on campus have 34 students in them. Our livestock, dairy skills, work experience, vet science, and floral tend to have a lot of student in them as well. This is due to how many student sign up for the classes. It is hard if you have 36 students sign up for a class and you can only have one class because 16 students in a class will not happen in our district.

Supporting documentation and evidence can be found in the following appendices:

Appendix d

Appendix x

Quality Criteria
Eleven
Full Year Employment

We have extended contracts for every Ag teacher. Six of us have a contract that is 20 percent of our base pay and one teacher is closer to 10 percent. We are in the process of trying to fix this in our contract so that every teacher has the same pay and so that we can compete when another teacher gets hired. No teacher has an SAE supervision period, but there is a stipend for the teachers in charge of the dairy and the farm. This is a 400 dollar stipend each month for two teachers to run these two enterprises. Four other teachers also get a stipend for the FFA activities which include running the officers, chapter, community, and student development committees. This stipend is 1000 dollars for the year for each committee leader and 2000 for the main FFA advisor.

Supporting documentation and evidence can be found in the following appendices:

Appendix e

Appendix f

Appendix h

Appendix j

Appendix m

Appendix y

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

<p>A. Name </p> <p style="margin-left: 100px;">Last Name</p> <p>B. Gender: Male <input checked="" type="checkbox"/> Female <input type="checkbox"/></p> <p>C. Date: <u>5/28/2010</u></p> <p>D. Year in Agriculture Program: <u>3RD</u></p> <p>E. Grade Level in School: <u>11</u> (1st, 2nd, 3rd, 4th) (9, 10, 11, 12)</p> <p>F. Program of Instruction Being Pursued: (Select Only One)</p> <p><input type="checkbox"/> Plant & Soil Science (4010)</p> <p><input type="checkbox"/> Animal Science (4020)</p> <p><input checked="" type="checkbox"/> Agricultural Mechanics (4030)</p> <p><input checked="" type="checkbox"/> Agricultural Business (4040)</p> <p><input type="checkbox"/> Ornamental Horticulture (4050)</p> <p><input type="checkbox"/> Forestry & Natural Resources (4060)</p> <p><input type="checkbox"/> Agriscience (4070)</p> <p>G. I Am Taking This Course Because: (Select One)</p> <p><input checked="" type="checkbox"/> I plan a career in agriculture</p> <p><input type="checkbox"/> Not a career, just an interest in agriculture.</p> <p><input type="checkbox"/> Not interested, placed in class.</p> <p>H. Ethnic Origin: (Select Only One)</p> <p><input checked="" type="checkbox"/> White</p> <p><input type="checkbox"/> Hispanic</p> <p><input type="checkbox"/> Black (Except Hispanic)</p> <p><input type="checkbox"/> Filipino</p> <p><input type="checkbox"/> Asian or Pacific Islander</p> <p><input type="checkbox"/> American Indian/Native American</p>	<p>I. Locator Data:</p> <p>Street Address: </p> <p>Phone Number: </p> <p>Parent/Guardian Name (Print Full Name For Each)</p> <p>Mr. <u>Doug Cox</u></p> <p>Miss/Mrs./Ms. <u>ROBERTA Cox</u></p> <p>J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.</p> <p><u>(Ag Business)</u></p> <p>K. Please indicate below your plans after graduation from high schools:</p> <p>1. Go to Work Full - Time <input type="checkbox"/></p> <p style="margin-left: 100px;">No Further Education</p> <p style="margin-left: 100px;">Some College Later</p> <p>2. Go to College <input checked="" type="checkbox"/></p> <p style="margin-left: 100px;">Community College</p> <p style="margin-left: 100px;">Four Year College <input checked="" type="checkbox"/></p> <p style="margin-left: 100px;">Full-Time Student</p> <p style="margin-left: 100px;">Part-Time Student</p> <p style="margin-left: 100px;">Agriculture Major <input checked="" type="checkbox"/></p> <p style="margin-left: 100px;">Non-Agriculture Major</p> <p style="margin-left: 100px;">3 Go Into Military Service</p>
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AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

<p>A. Name </p> <p style="margin-left: 100px;">Last Name <u>EVAN</u></p> <p style="margin-left: 100px;">First Name, MI <u>MI</u></p> <p>B. Gender: Male <input checked="" type="checkbox"/> Female <input type="checkbox"/></p> <p>C. Date: <u>5/28/10</u></p> <p>D. Year in Agriculture Program: <u>1ST</u> (1st, 2nd, 3rd, 4th)</p> <p>E. Grade Level in School: <u>9, 10, 11, 12</u></p> <p>F. Program of Instruction Being Pursued: (Select Only One)</p> <p><input type="checkbox"/> Plant & Soil Science (4010)</p> <p><input type="checkbox"/> Animal Science (4020)</p> <p><input checked="" type="checkbox"/> Agricultural Mechanics (4030)</p> <p><input type="checkbox"/> Agricultural Business (4040)</p> <p><input type="checkbox"/> Ornamental Horticulture (4050)</p> <p><input type="checkbox"/> Forestry & Natural Resources (4060)</p> <p><input type="checkbox"/> Agriscience (4070)</p> <p>G. I Am Taking This Course Because: (Select One)</p> <p><input checked="" type="checkbox"/> I plan a career in agriculture</p> <p><input type="checkbox"/> Not a career, just an interest in agriculture.</p> <p><input type="checkbox"/> Not interested, placed in class.</p> <p>H. Ethnic Origin: (Select Only One)</p> <p><input type="checkbox"/> White</p> <p><input checked="" type="checkbox"/> Hispanic</p> <p><input type="checkbox"/> Black (Except Hispanic)</p> <p><input type="checkbox"/> Filipino</p> <p><input type="checkbox"/> Asian or Pacific Islander</p> <p><input type="checkbox"/> American Indian/Native American</p> <p><input type="checkbox"/> Other</p>	<p>I. Locator Data:</p> <p>Street Address: </p> <p>Phone Number: </p> <p>Parent/Guardian Name (Print Full Name For Each)</p> <p>Mr. <u>JUAN MORALES</u></p> <p>Miss/Mrs./Ms. <u>DEANA MORALES</u></p> <p>J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.</p> <p><u>RAY BUSINESS OR FABRICATING</u></p> <p>K. Please indicate below your plans after graduation from high schools:</p> <p>1. Go to Work Full - Time <input checked="" type="checkbox"/></p> <p style="margin-left: 20px;">No Further Education <input type="checkbox"/></p> <p style="margin-left: 20px;">Some College Later <input type="checkbox"/></p> <p>2. Go to College <input type="checkbox"/></p> <p style="margin-left: 20px;">Community College <input checked="" type="checkbox"/></p> <p style="margin-left: 20px;">Four Year College <input type="checkbox"/></p> <p style="margin-left: 20px;">Full-Time Student <input type="checkbox"/></p> <p style="margin-left: 20px;">Part-Time Student <input checked="" type="checkbox"/></p> <p style="margin-left: 20px;">Agriculture Major <input type="checkbox"/></p> <p style="margin-left: 20px;">Non-Agriculture Major <input type="checkbox"/></p> <p>3. Go Into Military Service <input type="checkbox"/></p>
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AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name 		Last Name <u>Elana</u> First Name, MI <u>K</u>	
B. Gender: Male <input type="checkbox"/>	Female <input checked="" type="checkbox"/>	I. Locator Data: 	
C. Date: <u>5-28-10</u>		Street Address: 	
D. Year in Agriculture Program: <u>4</u>		Phone Number: 	
E. Grade Level in School: <u>12</u> (9, 10, 11, 12)		Parent/Guardian Name (Print Full Name For Each) Mr. <u>Raymond Aceves</u>	
F. Program of Instruction Being Pursued: (Select Only One)		Miss/Mrs./Ms. <u>Tommy Aceves</u>	
Plant & Soil Science (4010) <input type="checkbox"/>		J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing. <u>Be engineer (ag engineer)</u>	
Animal Science (4020) <input type="checkbox"/>			
Agricultural Mechanics (4030) <input type="checkbox"/>			
Agricultural Business (4040) <input type="checkbox"/>			
Ornamental Horticulture (4050) <input type="checkbox"/>			
Forestry & Natural Resources (4060) <input type="checkbox"/>			
G. I Am Taking This Course Because: (Select One)		K. Please indicate below your plans after graduation from high schools:	
I plan a career in agriculture <input type="checkbox"/>		1. Go to Work Full - Time <input type="checkbox"/>	
Not a career, just an interest in agriculture. <input checked="" type="checkbox"/>		No Further Education <input type="checkbox"/>	
Not interested, placed in class. <input type="checkbox"/>		Some College Later <input type="checkbox"/>	
H. Ethnic Origin: (Select Only One)		2. Go to College <input checked="" type="checkbox"/>	
White <input type="checkbox"/>		Community College <input type="checkbox"/>	
Hispanic <input checked="" type="checkbox"/>		Four Year College <input type="checkbox"/>	
Black (Except Hispanic) <input type="checkbox"/>		Full-Time Student <input type="checkbox"/>	
Filipino <input type="checkbox"/>		Part-Time Student <input type="checkbox"/>	
Asian or Pacific Islander <input type="checkbox"/>		Agriculture Major <input type="checkbox"/>	
American Indian/Native American <input type="checkbox"/>		Non-Agriculture Major <input type="checkbox"/>	
Other <input type="checkbox"/>		3 Go Into Military Service <input type="checkbox"/>	

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name Korbin R Last Name First Name, MI
 B. Gender: Male Female ☒
 C. Date: May 28
 D. Year in Agriculture Program: 3rd
 (1st, 2nd, 3rd, 4th)
 E. Grade Level in School: 11
 (9, 10, 11, 12)
 F. Program of Instruction Being Pursued: (Select Only One)
 Plant & Soil Science (4010) _____
 Animal Science (4020) _____
 Agricultural Mechanics (4030) _____
 Agricultural Business (4040) ☒
 Ornamental Horticulture (4050) _____
 Forestry & Natural Resources (4060) _____
 Agriscience (4070) _____
 G. I Am Taking This Course Because: (Select One)
 I plan a career in agriculture _____
 Not a career, just an interest in agriculture. ☒
 Not interested, placed in class. _____
 H. Ethnic Origin: (Select Only One)
 White ☒
 Hispanic _____
 Black (Except Hispanic) _____
 Filipino _____
 Asian or Pacific Islander _____
 American Indian/Native American _____
 Other _____
 I. Locator Data:
 Street Address:
 Phone Number:
 Parent/Guardian Name (Print Full Name For Each)
 Mr. Jeff Johnstone
 Miss/Mrs./Ms. Kelly Johnstone
 J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.
Business Women (Ag Business)
 K. Please indicate below your plans after graduation from high schools:
 1. Go to Work Full - Time _____
 No Further Education _____
 Some College Later _____
 2. Go to College _____
 Community College _____
 Four Year College _____
 Full-Time Student ☒
 Part-Time Student _____
 Agriculture Major _____
 Non-Agriculture Major _____
 3 Go Into Military Service _____

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name 		Last Name		First Name, MI	
B. Gender: Male		Female		<input checked="" type="checkbox"/>	
C. Date: <u>6/28/10</u>		(1st, 2nd, 3rd, 4th)		<u>4th</u>	
D. Year in Agriculture Program:		(9, 10, 11, 12)		<u>12</u>	
E. Grade Level in School:					
F. Program of Instruction Being Pursued: (Select Only One)					
<input type="checkbox"/> Plant & Soil Science (4010) <input type="checkbox"/> Animal Science (4020) <input checked="" type="checkbox"/> Agricultural Mechanics (4030) <input type="checkbox"/> Agricultural Business (4040) <input type="checkbox"/> Ornamental Horticulture (4050) <input type="checkbox"/> Forestry & Natural Resources (4060) <input type="checkbox"/> Agriscience (4070)					
G. I Am Taking This Course Because: (Select One)					
<input checked="" type="checkbox"/> I plan a career in agriculture <input type="checkbox"/> Not a career, just an interest in agriculture. <input type="checkbox"/> Not interested, placed in class.					
H. Ethnic Origin: (Select Only One)					
<input checked="" type="checkbox"/> White <input type="checkbox"/> Hispanic <input type="checkbox"/> Black (Except Hispanic) <input type="checkbox"/> Filipino <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> American Indian/Native American <input type="checkbox"/> Other					
I. Locator Data:					
Street Address:					
Phone Number:					
Parent/Guardian Name (Print Full Name For Each)					
Mr.		<u>Rod Negues</u>			
Miss/Mrs./Ms.		<u>Linda Negues</u>			
J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.					
<u>Agriculture Management</u> <u>position</u>					
K. Please indicate below your plans after graduation from high schools:					
1. Go to Work Full - Time		<input type="checkbox"/>			
No Further Education		<input type="checkbox"/>			
Some College Later		<input type="checkbox"/>			
2. Go to College		<input type="checkbox"/>			
Community College		<input type="checkbox"/>			
Four Year College		<input checked="" type="checkbox"/>			
Full-Time Student		<input type="checkbox"/>			
Part-Time Student		<input type="checkbox"/>			
Agriculture Major		<input checked="" type="checkbox"/>			
Non-Agriculture Major		<input type="checkbox"/>			
3 Go Into Military Service		<input type="checkbox"/>			

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET **DATA SHEET**

A. Name Tiffany K

B. Gender: Male Female ☒

C. Date: May 28, 2010

D. Year in Agriculture Program: 3
(1st, 2nd, 3rd, 4th)

E. Grade Level in School: 11
(9, 10, 11, 12)

F. Program of Instruction Being Pursued: (Select Only One)

☐ Plant & Soil Science (4010)

☐ Animal Science (4020)

☒ Agricultural Mechanics (4030)

☐ Agricultural Business (4040)

☐ Ornamental Horticulture (4050)

☐ Forestry & Natural Resources (4060)

☐ Agriscience (4070)

G. I Am Taking This Course Because: (Select One)

☒ I plan a career in agriculture

☐ Not a career, just an interest in agriculture.

☐ Not interested, placed in class.

H. Ethnic Origin: (Select Only One)

☐ White

☒ Hispanic

☐ Black (Except Hispanic)

☐ Filipino

☐ Asian or Pacific Islander

☐ American Indian/Native American

☐ Other

I. Locator Data:

Street Address:

Phone Number:

Parent/Guardian Name (Print Full Name For Each)

Mr. Luis Lemos

Miss/Ms./Mr. Arlene Lemos

J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.

Ag Education

K. Please indicate below your plans after graduation from high schools:

1. Go to Work Full Time

☐ No Further Education

☐ Some College Later

2. Go to College

☐ Community College

☐ Four Year College

☒ Full-Time Student

☐ Part-Time Student

☒ Agriculture Major

☐ Non-Agriculture Major

3. Go Into Military Service

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name Amanda

B. Gender: Male Female ☒

C. Date: May 28, 2010

D. Year in Agriculture Program: 4th
(1st, 2nd, 3rd, 4th)

E. Grade Level in School: 12
(9, 10, 11, 12)

F. Program of Instruction Being Pursued: (Select Only One)
Plant & Soil Science (4010)
Animal Science (4020)
Agricultural Mechanics (4030)
Agricultural Business (4040)
Ornamental Horticulture (4050)
Forestry & Natural Resources (4060)
Agriscience (4070)

G. I Am Taking This Course Because: (Select One)
☒ I plan a career in agriculture
Not a career, just an interest in agriculture.
Not interested, placed in class.

H. Ethnic Origin: (Select Only One)
☒ White
Hispanic
Black (Except Hispanic)
Filipino
Asian or Pacific Islander
American Indian/Native American
Other

I. Locator Data:
 Street Address:
 Phone Number:
 Parent/Guardian Name (Print Full Name For Each)
 Mr. Jorge Meneses
 Miss/Mrs./Ms. Christy Meneses

J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.
Public Relations
in an ag company

K. Please indicate below your plans after graduation from high schools:
 1. Go to Work Full - Time
 No Further Education
 Some College Later
 2. Go to College
 Community College
 Four Year College ☒
 Full-Time Student
 Part-Time Student
 Agriculture Major ☒
 Non-Agriculture Major
 3 Go Into Military Service

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name Rapun M.		Last Name		First Name, MI	
B. Gender: Male	<input checked="" type="checkbox"/>	Female			
C. Date: 5/28/16		(1st, 2nd, 3rd, 4th)		4th	
D. Year in Agriculture Program:		(9, 10, 11, 12)		12	
E. Grade Level in School:					
F. Program of Instruction Being Pursued: (Select Only One)	<input type="checkbox"/> Plant & Soil Science (4010) <input type="checkbox"/> Animal Science (4020) <input type="checkbox"/> Agricultural Mechanics (4030) <input type="checkbox"/> Agricultural Business (4040) <input type="checkbox"/> Ornamental Horticulture (4050) <input type="checkbox"/> Forestry & Natural Resources (4060) <input type="checkbox"/> Agriscience (4070)				
G. I Am Taking This Course Because: (Select One)	<input type="checkbox"/> I plan a career in agriculture <input type="checkbox"/> Not a career, just an interest in agriculture. <input type="checkbox"/> Not interested, placed in class.				
H. Ethnic Origin: (Select Only One)	<input checked="" type="checkbox"/> White <input type="checkbox"/> Hispanic <input type="checkbox"/> Black (Except Hispanic) <input type="checkbox"/> Filipino <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> American Indian/Native American <input type="checkbox"/> Other				
I. Locator Data:		Street Address: Rapun M. Phone Number: _____ Parent/Guardian Name (Print Full Name For Each) Mr. <u>Ray Ferrumpan</u> Miss/Mrs./Ms. <u>Penny Ferrumpan</u>			
J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.		<u>(Ag Teacher)</u>			
K. Please indicate below your plans after graduation from high schools:					
1. Go to Work Full - Time		<input checked="" type="checkbox"/>			
No Further Education		<input type="checkbox"/>			
Some College Later		<input checked="" type="checkbox"/>			
2. Go to College		<input type="checkbox"/>			
Community College		<input checked="" type="checkbox"/>			
Four Year College		<input type="checkbox"/>			
Full-Time Student		<input type="checkbox"/>			
Part-Time Student		<input type="checkbox"/>			
Agriculture Major		<input type="checkbox"/>			
Non-Agriculture Major		<input type="checkbox"/>			
3 Go Into Military Service		<input type="checkbox"/>			

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name Heather L

B. Gender: Male Female ☒

C. Date: 5/28/10

D. Year in Agriculture Program: 4th
(1st, 2nd, 3rd, 4th)

E. Grade Level in School: 12
(9, 10, 11, 12)

F. Program of Instruction Being Pursued: (Select Only One)
☒ Plant & Soil Science (4010)
☒ Animal Science (4020)
☐ Agricultural Mechanics (4030)
☐ Agricultural Business (4040)
☐ Ornamental Horticulture (4050)
☐ Forestry & Natural Resources (4060)
☐ Agriscience (4070)

G. I Am Taking This Course Because: (Select One)
☒ I plan a career in agriculture
☒ Not a career, just an interest in agriculture.
☐ Not interested, placed in class.

H. Ethnic Origin: (Select Only One)
☒ White
☐ Hispanic
☐ Black (Except Hispanic)
☐ Filipino
☐ Asian or Pacific Islander
☐ American Indian/Native American
☐ Other

I. Locator Data:
 Street Address:
 Phone Number:
 Parent/Guardian Name (Print Full Name For Each)
 Mr. ROD BROWN
 Miss/Mrs./Ms. DEAN BROWN

J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.
(Hq Teacher)

K. Please indicate below your plans after graduation from high schools:
 1. Go to Work Full - Time ☐
 No Further Education ☐
 Some College Later ☐
 2. Go to College ☒
 Community College ☐
 Four Year College ☒
 Full-Time Student ☐
 Part-Time Student ☐
 Agriculture Major ☐
 Non-Agriculture Major ☐
 3 Go Into Military Service ☐

AGRICULTURAL EDUCATION - STUDENT CAREER SHEET DATA SHEET

A. Name Type M First Name, MI J

B. Gender: Male X Female

C. Date: 5/25/16

D. Year in Agriculture Program: 1st
(1st, 2nd, 3rd, 4th)

E. Grade Level in School: 11
(9, 10, 11, 12)

F. Program of Instruction Being Pursued: (Select Only One)

 Plant & Soil Science (4010)

 Animal Science (4020)

 X Agricultural Mechanics (4030)

 Agricultural Business (4040)

 Ornamental Horticulture (4050)

 Forestry & Natural Resources (4060)

 Agriscience (4070)

G. I Am Taking This Course Because: (Select One)

 I plan a career in agriculture

 X Not a career, just an interest in agriculture.

 Not interested, placed in class.

H. Ethnic Origin: (Select Only One)

 X White

 Hispanic

 Black (Except Hispanic)

 Filipino

 Asian or Pacific Islander

 American Indian/Native American

I. Locator Data:

Street Address:

Phone Number:

Parent/Guardian Name (Print Full Name For Each)

Mr. Tim Hall

Miss/Mrs./Ms. Tina Hall

J. When you eventually take your place in this world, what would you like to do? If your dream is not related to agriculture, place in parenthesis () an occupation in agriculture you would enjoy doing.

 (Be a mechanic on motorcycles)

K. Please indicate below your plans after graduation from high schools:

1. Go to Work Full - Time

 No Further Education

 Some College Later

2. Go to College

 Community College

 Four Year College

 Full-Time Student

 Part-Time Student

 Agriculture Major

 Non-Agriculture Major

 3 Go Into Military Service



All record books except current year's books and student data is keep in these file cabinets.

**ULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title	<u>Introduction to Agriculture, Ag. I</u>	Department	<u>Agriculture</u>
Grade Level (s)	<u>9</u>	Student Level:	
		College Prep	<u>X</u>
		General	<u>X</u>
		Basic	<u>X</u>
Course Duration	<u>1 Year</u>	Credits	<u>10</u>
		Elective/Req.	<u>Elective</u>
Prerequisite	<u>None</u>		

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

Agriculture I includes the study of a wide range of agriculture areas and careers. Basic areas of study include Careers in agriculture, Future Farmers of America, Plant Science, and Animal Science.

Students will be given the opportunity to explain hands on learning as it relates to skills used in Agriculture. Practical application of skills will take place at the High School Farm facilities.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. To identify the importance of production agriculture.
- B. Identify the seven basic agriculture careers areas.
- C. Identify and understand the function of the Future Farmers of America as it relates to modern agriculture, the structure, history and purpose of the Future Farmers of America and how it develops leadership skills.
- D. Demonstrate an understanding of Supervised Occupational Experience Projects and their relationship with agriculture and agriculture careers.

III. COURSE LEARNING OUTCOMES: (Continued)

- E. Demonstrate an understanding of the California Vocational Agriculture Record Book by following actual or sample student projects.
- F. Identify the common breeds of beef, sheep, swine, horse, dairy cattle and small animals.
- G. Demonstrate an understanding of the terminology associated with each species of livestock.
- H. Demonstrate an understanding of basic livestock management principles, including feeds and nutrition, care and maintenance, diseases and reproduction.
- I. Identify the common crops grown and understands their importance to California agriculture.
- J. Identify plants parts and explain their function for a variety of common agriculture plants.
- K. Explain the factors involved in plant growth and general production practices.
- L. Students will understand and perform basic tractor operations and maintenance.
- M. Identify basic parts of common agriculture equipment.
- N. Demonstrate proper safety techniques used in the agriculture industries and in the classroom setting.

IV. OUTLINE OF COURSE CONTENT:

A. Seven Basic Agriculture Career Areas:

- | | | |
|----|------------------------------|---------|
| 1. | Ag. Production | (CLO B) |
| 2. | Supplies and Services | (CLO B) |
| 3. | Mechanics | (CLO B) |
| 4. | Products & Processing | (CLO B) |
| 5. | Resources & Rural Recreation | (CLO B) |
| 6. | Ornamental Horticulture | (CLO B) |
| 7. | Forestry | (CLO B) |

IV. OUTLINE OF COURSE CONTENT: (Continued)

B. Future Farmers of America

- | | | |
|----|--------------------|---------|
| 1. | Aims and Purposes | (CLO C) |
| 2. | History | (CLO C) |
| 3. | Degrees and Awards | (CLO C) |
| 4. | S.O.E.P. | (CLO C) |

- 5. Organizational Structure (CLO C)
- 6. Leadership (CLO C)

C. Supervised Occupational Experience Program

- 1. Record keeping (CLO D)
- 2. Budget (CLO D)
- 3. Time Management (CLO D)
- 4. Financing (CLO D)
- 5. Career Choices (CLO D)
- 6. Exhibiting at fairs and shows (CLO D)
- 7. Proficiency and Project awards (CLO D)

D. California Vocational Ag, Record Book

- 1. Calendar of Events (CLO E)
- 2. Budget (CLO E)
- 3. Journal (CLO E)
- 4. Non-Depreciable Property (CLO E)
- 5. Depreciable Property (CLO E)
- 6. Net Income (CLO E)
- 7. Financial Statement (CLO E)

E. Breed Study

- 1. History (CLO F)
- 2. Origin (CLO F)
- 3. Identify Characteristics (CLO F)
- 4. Uses (CLO F)

IV. OUTLINE OF COURSE CONTENT: (Continued)

F. Management

- 1. Basic feeding requirements for livestock (CLO G)
- 2. Identification of feed stuffs (CLO G)
- 3. General maintenance of livestock (CLO G)
 - a. Dehorning (CLO H)
 - b. Branding (CLO H)
 - c. Vaccinating (CLO H)
 - d. Docking (CLO H)
 - e. Earnotching (CLO H)

G. Diseases of Livestock

- 1. Prevention and treatment of common diseases (CLO H)
- 2. Terminology (CLO H)
- 3. Symptoms of diseases (CLO H)

H. Reproduction of Livestock

- | | | |
|----|------------------------|----------|
| 1. | Beef breeding program | (CLO HG) |
| 2. | Swine breeding program | (CLO HG) |
| 3. | Dairy breeding program | (CLO HG) |
| 4. | Sheep breeding program | (CLO HG) |

I. Crops grown in California

- | | | |
|----|------------|---------|
| 1. | Cotton | (CLO I) |
| 2. | Corn | (CLO I) |
| 3. | Barley | (CLO I) |
| 4. | Alfalfa | (CLO I) |
| 5. | Wheat | (CLO I) |
| 6. | Tree fruit | (CLO I) |
| 7. | Grapes | (CLO I) |

J. Plant Growth

- | | | |
|----|------------|---------|
| 1. | Soil | (CLO K) |
| 2. | Irrigation | (CLO K) |
| 3. | Fertilizer | (CLO K) |
| 4. | Climate | (CLO K) |

IV. OUTLINE OF COURSE CONTENT (Continued)

K. Tractor Operations

- | | | |
|----|------------------------|---------|
| 1. | Backing | (CLO L) |
| 2. | Driving | (CLO L) |
| 3. | Hitching | (CLO L) |
| 4. | Preventive maintenance | (CLO L) |

L. Agriculture Equipment

- | | | |
|----|------------------------------|---------|
| 1. | Tillage tools | (CLO M) |
| 2. | Wood working tools | (CLO M) |
| 3. | Metal working tools | (CLO M) |
| 4. | Livestock handling equipment | (CLO M) |

M. Agricultural Safety

- | | | |
|----|---|----------|
| 1. | Operate tractors and equipment safety | (CLO MN) |
| 2. | Work and handle livestock properly and safely | (CLO MN) |
| 3. | General farm safety practices | (CLO MN) |

N. Production in Agriculture

1. Economic importance of crops in California (CLO A)
2. Economic importance of livestock property in California (CLO A)
3. Foreign trade of Ag. Products (CLO A)
4. Common Ag. Products grown and raised in Tulare County (CLO A)

V. METHODS OF EVALUATION:

A. Objective Evaluations

1. Classroom and lab participation.....40%
2. Tests and quizzes.....40%
3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

1. Classroom participation
2. Classroom cooperation
3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

FFA Student Handbook, National FFA Organization, 1995

FFA New Horizons Magazine, National FFA Organization, 1995

Exploring Agriscience, Herren, R.V., Delmar, 1997

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title Plant/Animal Science, Ag. II **Department** Agriculture

Grade Level (s) 10 **Student Level:** **College Prep** X
General X
Basic

Course Duration Year **Credits** 10 **Elective/Req.** Meets HS Sci. Req.

Prerequisite None

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

The animal/plant science course, which meets the life science graduation requirement, emphasizes a study of the structure and function of animal and plant system as they relate to agriculture. The various animal/plant systems, nutrition, disease and genetics are among taught. Emphasis is given to the importance of the environment and ecological issues.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. Demonstrate an understanding of the scope of the crop production and livestock industry in the U.S.A. and the role of research in its expansion.
- B. Consider a variety of agriculture careers and make realistic decisions about such careers.
- C. Identify the importance of the FFA and its relationship and importance to the Vo-Ag student.
- D. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- E. Identify the ten animal body systems, their parts and functions and how they interrelate.

III. COURSE LEARNING OUTCOMES: (Continued)

- F. Develop proper nutritional plans for a variety of livestock and cattle, swine and sheep.
- G. Identify the major diseases associated with cattle, swine and sheep, including the symptoms, treatment and prevention's of such diseases.
- H. Explain Mendel's principle of inheritance as it relates to the transfer of genes from generation to generation.
- I. Explain how genetic transfer relates to sex determination and abnormalities.
- J. Explain the various systems of breeding cattle, swine and sheep (natural and artificial).
- K. Identify the parts and explain their functions of a variety of common agriculture plants.
- L. Explain the classification system, including the use of keys to identify plants.
- M. Identify the major local crops and plants and explain the factors involved in their growth and production.
- N. Demonstrate an understanding of the vital role that ecological balance plays in the plant and animal world.

IV. **OUTLINE OF COURSE CONTENT:**

A. Animal Science:

- 1. Introduction
 - a. Magnitude of the United States Livestock Industry (CLO A)
 - b. The function and uses of animals (CLO A)
 - c. New animal frontiers through Research (CLO A)
 - d. Careers in animal science (CLO A)

IV. **OUTLINE OF COURSE CONTENT:** (Continued)

- 2. Animal body systems
 - a. Skeletal (CLO C)
 - b. Muscular (CLO C)
 - c. Respiratory (CLO C)

- d. Circulatory (CLO C)
 - e. Digestive (CLO C)
 - f. Endocrine (CLO C)
 - g. Excretory (CLO C)
 - h. Reproductive (CLO C)
 - I. Nervous (CLO C)
 - j. Lactation and mammary system (CLO C)
3. Nutrition and feeding practices
- a. Anatomy and physiology of digestion (CLO D)
 - b. Nutrient requirements (CLO D)
 - c. Feeds for livestock (CLO D)
 - d. Ration formulation (CLO D)
 - e. Computer formulated ration (CLO D)
 - f. Feeding Systems (CLO D)
4. Diseases
- a. Causes (CLO E)
 - b. Types (CLO E)
 - c. Specific diseases (CLO E)
 - 1. Causes (CLO E)
 - 2. Symptoms (CLO E)
 - 3. Treatment (CLO E)
 - 4. Prevention (CLO E)
 - d. Immunity (CLO E)
 - e. Vaccination (CLO E)
 - f. Administering drugs (CLO E)
 - g. Animal sanitation (CLO E)

IV. OUTLINE OF COURSE CONTENT (Continued)

- 5. Animal Genetics
 - a. Fundamentals of heredity (CLO FG)
 - 1. Genes and chromosomes (CLO FG)
 - 2. Gene inheritance (CLO FG)
- B. Plant Science
 - 1. Plant structures and taxonomy (CLO K)

- | | | |
|----|-------------------------|----------------|
| 2. | Plant classification | (CLO L) |
| 3. | Plant reproduction | (CLO H,I,K,L,) |
| 4. | Photosynthesis | (CLO K) |
| 5. | Respiration | (CLO K) |
| 6. | Soils | (CLO C) |
| 7. | Plant nutrition | (CLO C) |
| 8. | Ornamental horticulture | (CLO C,M) |
| 9. | Crop production | (CLO C,M) |

C . FFA Organization

- | | | |
|----|--|-----------|
| 1. | FFA leadership activities | (CLO C) |
| 2. | Record books and supervised agriculture experience programs. | (CLO C,D) |

V. **METHODS OF EVALUATION:**

A. Objective Evaluations

- | | | |
|----|--|-----|
| 1. | Classroom and lab participation..... | 40% |
| 2. | Tests and quizzes..... | 40% |
| 3. | FFA participation, S.A.E. and Record Book..... | 20% |

B. Subjective Evaluations

- | | |
|----|-------------------------|
| 1. | Classroom participation |
| 2. | Classroom cooperation |
| 3. | Classroom behavior |

VI. **MATERIALS OF INSTRUCTION:** (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

New Horizons Magazine, National FFA Organization
Agriscience Fundamentals and Applications, Delmar, 1997

TULARE JOINT UNION HIGH SCHOOL DISTRICT COURSE OUTLINE

I. BASIC FACTS CONCERNING THE COURSE:

Course Title Agriculture Mechanics I **Department** Agriculture
Grade Level (s) 10-12 **Student Level** _____ **College Prep** _____
General _____
Basic _____
Course Duration One Year **Credits** _____ **Elective/Req.** _____
Prerequisite _____

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

The Agricultural Mechanics Pathway prepares students for careers related to the construction, operation, and maintenance of equipment used by the agriculture industry. Topics include technology, physical science principles, construction, mechanics and welding. Students also learn safety principles, electrical wiring, hydraulic technology, and farm power and equipment operation.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

2. *Safety*

- a. Students understand personal and group safety.
- b. Demonstrate personal and group safety while working in an agriculture mechanics environment
- c. Pass a safety test
- d. Demonstrate how to safely operate tools and equipment in the shop
- e. Demonstrate how to safely operate tractors and machinery

2. Woodworking

- a. Students understand basic woodworking principals.
- b. Identify common wood products, lumber types and sizes
- c. Calculate board feet, lumber volume, and square feet
- d. Identify, select and implement basic fastening systems
- e. Interpret a plan, develop a bill of materials and cutting list, select materials, shape, join and finish a woodworking project

3. Electrical Systems
 - a. Students understand the basic electricity principles and wiring practices commonly used in agriculture.
 - b. Interpret basic agricultural electrical plans
 - c. Demonstrate proper electrical test equipment use for AC and DC currents
 - d. Explain the relationship between voltage, amperage, resistance, and power in single phase AC circuits
 - e. Wire a 110/220-volt service entrance panel
 - f. Demonstrate proper basic electrical circuit and wiring techniques in non-metallic cable and conduit as defined by the National Electric Code
 - g. Troubleshoot and correct basic circuit problems (e.g. open circuits, short circuits, incorrect grounding,)
4. Plumbing Skills
 - a. Students understand plumbing system practices commonly used in agriculture.
 - b. Demonstrate basic plumbing fitting skills with a variety of materials such as copper, PVC (polyvinyl chloride), steel, polyethylene, ABS (Acrylonitrile Butadiene Styrene)
5. Cold Metalwork
 - a. Students understand agricultural cold metal processes.
 - b. Identify common metals, sizes, and shapes
 - c. Demonstrate basic tool fitting skills
 - d. Demonstrate layout skills
 - e. Demonstrate basic cold metal processes (e.g. shearing, cutting, drilling, threading, bending etc.)
 - f. Interpret a plan, develop a bill of materials, select materials, shape, fasten and finish a cold metal project
6. Concrete and Masonry
 - a. Students understand concrete and masonry practices commonly used in agriculture.
 - b. Accurately calculate volume, materials needed, and project costs for a concrete or masonry project
 - c. Demonstrate proper bed preparation and concrete forms layout
 - d. Develop a bill of materials, assemble, mix, place, and finish a concrete or masonry project
7. Oxy-fuel Cutting and Welding
 - a. Students understand oxy-fuel cutting and welding.
 - b. Properly set up, adjust, shut down and maintain an oxy-fuel system
 - c. Explain the role of heat and oxidation in the cutting process
 - d. Flame cut metal with an oxy-fuel cutting torch
 - e. Fusion weld mild steel with and without filler rod using oxy-fuel equipment

8. Electric Arc Welding Processes

- a. Students understand electric arc welding processes.
- b. Select, properly adjust, safely employ and maintain appropriate welding equipment (e.g. Gas Metal Arc Welding, Shielded Metal Arc Welding, and Gas Tungsten Arc Welding)
- c. Apply Gas Metal Arc Welding, Shielded Metal Arc Welding and/or Flux Core Arc Welding processes to fusion weld mild steel with appropriate welding electrodes
- d. Demonstrate how to weld a variety of joints and in multiple positions

9. Metal Fabrication and Engineering

- a. Students understand basic metallurgy principals and fabrication techniques.
- b. Explain metallurgy principles including distortion, hardening, tempering, and annealing
- c. Properly operate and maintain various arc welding and cutting systems
- d. Properly operate and maintain fabrication tools and equipment

10. Small and Compact Engine Technology

- a. Students understand small and compact engines.
- b. Compare different types of small engines and categorize them by their applications and fuel systems
- c. Identify small engine parts and explain the various systems
- d. Explain engine theory for both two and four stroke cycle engines
- e. Demonstrate logical troubleshooting and problem solving of engine problems

11. Ag power and Technology

- a. Students understand safe tractor and equipment operation and maintenance.
- b. Identify types of engines and describe the theory and operation of engine systems (e.g. cooling, electrical, fuel)
- c. Troubleshoot common problems with engines and agricultural equipment
- d. Demonstrate safe and efficient equipment operation and common equipment maintenance
- e. Demonstrate proper equipment hitching, and tractor driving and backing techniques

13. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.

14. Consider a variety of agriculture careers and make realistic decisions about such careers.

IV. OUTLINE OF COURSE CONTENT:

1. *Safety*

- a. Personal and group safety.
- b. Tools and equipment in the shop
- c. Tractors and machinery

2. Woodworking

- a. Basic woodworking principals.
- b. Common wood products, lumber types and sizes
- c. Board feet, lumber volume, and square feet
- d. Fastening systems
- e. Reading plans
- f. Bills of materials
- g. Shaping and joining
- h. Finishing

3. Electrical Systems

- a. Basic electricity principles and wiring practices commonly used in agriculture.
- b. Electrical test equipment use for AC and DC currents
- c. Voltage, amperage, resistance, and power in single phase AC circuits
- d. Troubleshoot and correct basic circuit problems

4. Plumbing Skills

- a. Basic plumbing fitting skills with a variety of materials such as copper, PVC (polyvinyl chloride), steel, polyethylene, ABS (Acrylonitrile Butadiene Styrene)

5. Cold Metalwork

- a. The cold metal processes.
- b. Common metals, sizes, and shapes-
- c. Basic tool fitting skills
- d. Layout
- e. Planning, bill of materials, shape, fasten and finish

6. Concrete and Masonry

- a. Concrete and masonry practices
- b. Volume, materials needed, and project costs
- c. Bed preparation and concrete forms layout
- d. Bill of materials, assemble, mix, place, and finish

7. Oxy-fuel Cutting and Welding

- a. The oxy-fuel cutting and welding process
- b. Set up, adjusting, shutting down and maintaining an oxy-fuel system
- c. The cutting process
- d. Fusion welding mild steel with and without filler rod

8. Electric Arc Welding Processes

- a. The electric arc welding processes.
- b. Selecting, properly adjusting, employing and maintaining appropriate welding equipment

- c. Gas Metal Arc Welding,
- d. The welding processes to fusion weld mild steel
- e. Selecting electrodes
- f. Welding basic joints and in multiple positions

9. Metal Fabrication and Engineering

- a. Basic metallurgy principals and fabrication techniques.
- b. Metallurgy principles including distortion, hardening, tempering, and annealing
- c. Operate and maintain various arc welding and cutting systems
- d. Operate and maintain fabrication tools and equipment

10. Small and Compact Engine Technology

- a. Ssmall and compact engines.
- b. Small engine parts and systems
- c. Eengine theory for both two and four stroke cycle engines
- d. Troubleshooting and problem solving

11. Ag power and Technology

- a. Tractor and equipment safety, operation and maintenance.
- b. Engines system theory
- c. Troubleshooting
- d. Safe equipment hitching, tractor driving and backing techniques

13. The California Vo-Ag record book and FFA projects

14. Careers in agricultural mechanics.

V. METHODS OF EVALUATION:

A. Objective Evaluations

- 1. Classroom and lab participation.....40%
- 2. Tests and quizzes.....40%
- 3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

- 1. Classroom participation
- 2. Classroom cooperation
- 3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

Each student will have at his/her disposal the use of all shop equipment to include all the necessary hand tools, power saws, drill, shears, etc. Arc welding and oxy-acetylene welding and cutting equipment will be used throughout the year. All safety equipment to include glasses, shields, helmets, etc. will be provided for each student. Audiovisual equipment and tapes/movies shown when appropriate.

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title Ag. Welding & Construction Department Agriculture

Grade Level (s) 11-12 Student Level: College Prep _____
General X
Basic _____

Course Duration _____ Year _____ Credits 20 Elective/Req. Elective

Prerequisite Ag. I and Ag. II or permission of instructor

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

This course includes the study of both arc, oxy-acetylene, TIG and MIG welding. In arc welding, safety procedures, rod identification and stresses of metals are emphasized, plus the student develops a sufficient level of skill to pass a basic industry welding test. The Student becomes familiar with and able to weld different metals and alloys. Other skills, such as cutting, brazing, fusion welding, hard surfacing, vertical welding, cutting thick and thin metals, are applied to actual project work, such as trailers, loading chutes, and other agricultural equipment. This course prepares the student for a job in industry for specialized work on large farming operations, or for repair and fabrication work on the home farm.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- B. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
 - B. Consider a variety of agriculture careers and make realistic decisions about such careers.
- Demonstrate a knowledge (review) of all four positions and essentials in arc and acetylene welding.
- Know the four essentials in arc welding (angle, heat, speed, and distance).
- Be able to master the flat and out of position welds.
- Learn the basic operation of the various types of gas and arc welding, drill presses, cut-off saws and the ironworker.

IV. COURSE LEARNING OUTCOMES: (continued)

emonstrate the safety features in the welding process.

Demonstrate the proper use of the cutting torch.

Master the basic positions in Acetylene welding with steel and brass rod.
 Explain and demonstrate what and how to braze.
 Identify and demonstrate the various types of machines in Oxy-Acetylene welding.
 Accurately read shop drawings.
 Demonstrate a knowledge of the general safety rules and procedures, including welding and cutting equipment safely.
 Demonstrate a knowledge (review) of manipulative skills (angle, material deposit motion) in brazing, hardsurfacing, cutting mild steel and aluminum welding.
 Demonstrate proper usage of the cut-off saw, drill press, cutting torch, iron worker, grinders and arc and gas welders in the process of constructing major projects.
 Students will apply the above welding, associating skills through building of assigned metal projects, such as cotton and cow trailers, utility trailers, abrasive saws, loading chutes, and other agricultural equipment.
 Exhibit a knowledge of welding codes and symbols.
 Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

IV. OUTLINE OF COURSE CONTENT:

- A. Welding Safety
 - 7. Review and testing of general shop safety
 - 8. Industrial safety requirements
 - 9. Farm shop safety
 - 10. Operate general shop tools safely
 - 11. Identify and avoid potentially dangerous shop situations
 - 12. Welding and cutting safety
- B. Welding Procedures
 - 11. Heat control
 - 12. Speed of travel
 - 13. Angle of electrode
 - 14. Length of arc
 - 15. Melting points of various common metals and alloys
 - 16. Matching metals
 - 17. Application of straight and reverse polarity
 - 18. Gauge pressures for welding, cutting, MIG/TIG
 - 19. Welding
 - 20. Farm and industrial projects

IV. OUTLINE OF COURSE CONTENT: (continued)

- C. Types of Welders and Equipment
 - 1. AC-DC welders
 - 2. MIG
 - 3. Gas welding and cutting equipment
 - 5. Accessories
- D. Welding Operations
 - 5. Welding, using short arc, both horizontal and flat

- 6. Vertical welding using Arc and Oxy-Acetylene equip.
 - 7. Overhead welding using Arc and Oxy-Acetylene equip.
 - 8. Project work producing useful working project
- E. Blue Print Reading
- 7. Reading basic shop drawings
 - 8. Welding symbols and their application in equipment Fabrication.
- F. Cutting Operations
- 1. Cutting with 20" hot saw
 - 2. Using the metal cutting band saw
 - 4. Management
- G. Shearing and Punching Holes
- 6. Shearing mild steel with iron worker
 - 7. Punching holes with hydraulic punch
- H. Type Welds
- 5. Bead, lap and butt welds
 - 6. Pipe and T-welds
- I. Pipe Welding
- 7. Common pipe joint welds
 - 8. 45° pipe welds
- N. Grinding and Surface Operations
- 1. Portable grinder
 - 2. Stationary grinder
 - 9. Operation of power wire buffer
- O. Using Oxy-Acetylene Shape Cutter
- 1. Setting up common jigs
 - 2. Cutting bevels
 - 3. Cutting holes
- IV. OUTLINE OF COURSE CONTENT: (continued)**
- P. Identification of Electrodes
- 3. Classification of electrodes
 - c. Numbers and positions
 - d. Color codes
- Q. Identification of Gas Welding Rods
- 1. Brazing
 - c. bare
 - d. flux coated
 - 2. Mild Steel
 - 3. Hardfacing
 - d. bare
 - e. flux coated

- f. borium filled rods
- O. Use of the Drill Press
 - 1. Drilling common holes
 - 2. Countersinking
 - 4. Drilling pipe
- P. Bronze Welding
 - 1. Pipe braze
 - 2. T-Braze
 - 3. Lap braze
- Q. Welding Positions
 - 9. Flat
 - 10. Horizontal
 - 11. Overhead
 - 6. Vertical Vertical up, vertical down
 - 7. Horizontal butt
 - 12. 3. Overhead lap
- R. Oxy-Acetylene Process
 - 2. Equipment and accessories
 - e. Acetylene tanks and regulators
 - f. Oxygen tanks and regulators
 - g. CO2 and Argon tanks
 - h. Hoses, torch, tips and handpieces
- S. Setting up and Adjustment
 - 8. Assembly and safety checks
 - 9. Ignition and adjustment
 - 10. Shutting down and securing equipment
- IV. **OUTLINE OF COURSE CONTENT: (continued)**
- T. **Joining Metal**
 - 7. Fusion welding mild steel
 - 8. Brazing
- U. Oxy-Acetylene Cutting Process
 - 8. Set up and adjustment
 - 9. Special cutting techniques
 - 10. Shut down and storing equipment
- V. Projects
 - 4. Squaring frames
 - 5. Building jigs and forms
 - 6. Balancing and leveling

- W. Painting
 - 10. Using proper paints
 - 11. Preparation
 - 12. Mixing Procedures

X. Undercarriage Assembly

- 1. Installation of axles springs
- 2. Adjustment of brakes electric and hydraulic
- 3. Packing and servicing of wheel bearings

Y. Fifth Wheel Hitches

- 1. Assembly
- 2. Installation

Z. Future Farmers of America

- 1. History
- 2. Degree
- 3. S.O.E.P.
- 4. Leadership Opportunities

V. METHODS OF EVALUATION:

- A. Objective Evaluations
 - 1. Classroom and lab participation.....40%
 - 2. Tests and quizzes.....40%
 - 3. FFA participation, S.A.E. and Record Book.....20%

V. METHODS OF EVALUATION: (continued)

- B. Subjective Evaluations
 - 1. Classroom participation
 - 2. Classroom cooperation
 - 3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

Welding Skills & Practices, Giachino & Weeks, American Tech. Publishers

Working in Ag Mechanics, Lincoln Electric Co., Cleveland, Ohio

How to Read Shop Drawing, Lincoln Electric Co., Cleveland, Ohio

Welding Videos

I. BASIC FACTS CONCERNING THE COURSE:

Course Title Ag. Work Experience Department Agriculture

Grade Level (s) 11-12 Student Level: College Prep X
General X
Basic X

Course Duration Year Credits 20 Elective/Req. Elective

Prerequisite None

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

Agriculture Work Experience provides the opportunity for students to experience on-the-job experience in the world of work. Students are placed in agriculture or Agri-business jobs and must complete related instruction assignments as part of the program. The related instruction focuses on the development of proper job habits and attitude and includes individualized instruction, which is directly related to the job. School credit is given and is based on both the employer's evaluation as well as that of the work experience supervisor.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. Develop a knowledge of the FFA organization, projects, competitions and leadership opportunities.
- B. Consider a variety of agriculture careers and make realistic decisions about such careers.
- C. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- D. Develop skills needed for a job interview.
- E. Develop skills needed for filling out job applications.

III. COURSE LEARNING OUTCOMES: (Continued)

- F. Understand employee, employer relationships, such as respect for property, following directions, workplace productivity, etc.
- G. Be able to meet dress code standards of a job.

- H. Accept responsibility for proper conduct on the job.
- I. Understand the different types of insurance and/or welfare programs to include disability, health, retirement, social security, unemployment and welfare
- J. Consider a variety of agriculture careers and make realistic decisions about such careers.
- K. Develop proper techniques in making change, figuring sales tax, etc.
- L. Develop skills, with the assistance from the teacher and employer, related to the specific to the specific job assignment.

IV. **OUTLINE OF COURSE CONTENT:**

A. Instruction

- 1. Future Farmers of America (CLO A)
 - a. History
 - b. Degrees
 - c. S.O.E.P.
 - d. Leadership opportunities
- 2. Interviewing for a job (CLO B)
 - a. Dress
 - b. Attitude
 - c. Personalities
- 3. Applications of employment (CLO C)
 - a. Type of application
 - b. Proper procedures for filing out employment applications
 - c. Definition of terminology
- 4. Employee / Employer relationship (CLO D)
 - a. Understanding the employer
 - b. Sense of values for employers property

IV. **OUTLINE OF COURSE CONTENT: (Continued)**

B. Work Habits and Attitudes

- 1. Dress (CLO E)
 - a. Proper dress for the job
 - b. Cleanliness and neatness
 - c. Safety clothes
- 2. Human relations (CLO D)

- a. Getting along with others in the job
 - b. Respect for managers
- 3. Conduct on the job (CLO D)
 - a. Abiding by rules and regulations
 - b. Doing the best possible to develop the necessary skills for the job
- 4. Careers and opportunities (CLO A)
 - a. Available jobs
 - b. Possible places of employment
- 5. Insurance (CLO G)
 - a. State disability
 - b. Retirement
 - c. Insurance group plans
- 6. Welfare, disability, social security (CLO G)
 - a. Attitudes
- 7. Related instruction (CLO J)
 - a. specific individualized instruction
- 8. Working with money (CLO I)
 - a. Figuring sales tax
 - b. Make correct change

V. METHODS OF EVALUATION:

- A. Objective Evaluations
 - 1. Assignments.....40%
 - 2. Tests and quizzes.....40%
 - 3. FFA participation, S.A.E. and Record Book.....20%
- B. Subjective Evaluations
 - 1. Participation
 - 2. Cooperation
 - 3. Behavior
 - 4. Employer Evaluation

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

- A. Written assignments
- B. On-the-job work site

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title	Agriculture Business and Economics	Department	Agriculture
Grade Level (s)	11-12	Student Level:	College Prep
			General
			Basic
Course Duration	Year	Credits	10
			Elective/Req.
			UC "g"
Prerequisite	Agriculture I or instructor's permission		

II. **BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:**

This course is designed for advanced study of agriculture business opportunities and economics for the college bound students with interests in agriculture. Through the course, the students will understand and apply basic economic principles as they relate to individual consumers, production agriculture, and agribusiness management. Life skills such as resumes, job applications, interview skills, and college and scholarship applications will be included. The students will develop a "business" that will produce, package, determine prices, and market their products. Students will keep accurate records of expenses, receipts, and profit/loss. At the conclusion of the course, profits will be split equally between the partners.

III. **COURSE LEARNING OUTCOMES:**

Upon successful completion of this course the student will:

- A. Develop an appreciation of agriculture and how it affects our economy.
- B. Incorporate agriculture into the principles of economics, business management, employability, and marketability of agriculture products.
- C. Create an awareness of the importance of agricultural business and economics.
- D. Prepare students for college level entry in the various disciplines of agriculture science.
- E. Demonstrate the ability to understand the scope of American agriculture by explaining the role of economics as it relates to the agricultural industry as a whole.

- F. Demonstrate the ability to understand the difference between the final goods and services that an economy produces and the productive resources that are used to produce the goods and services by comparing and contrasting the relationships of labor, capital, and technology.
- G. Demonstrate the ability to understand how resources affect an economic system by explaining the role through oral, written, or visual expression.
- H. Demonstrate the ability to understand the difference between industrial production and agricultural production by comparing and contrasting them.
- I. Demonstrate the ability to understand the economic systems by comparing the advantages and disadvantages of each system.
- J. Demonstrate the ability to analyze the concepts of microeconomics by indicators and policies to understand how they relate to economic goals.
- K. Demonstrate the ability to analyze international economics by comparing and contrasting past, present, and future policy on international trade.

IV. **OUTLINE OF COURSE CONTENT:**

Introduction to Agriculture Economics

What is Agricultural Economics

History of US Agriculture

Economic Systems

Types of Economic Systems

Types of Business Organizations

US Monetary System and Fiscal Policy

Profile of the US Economy

Resources in Agriculture

Natural Resources

Capital Resources

Human Resources

Economic Concepts

Specialization and Comparative Advantage

Physical Production Relationships

Cost and Revenue

The Supply and Demand Concept

Types of Input Costs

Effect of Technology on Costs

Revenue Consideration

The Demand Concept

Utility

Consumer Behavior

Food Products

Interaction of Supply and Demand

- Market Structure and Competition
- Monopolistic Competition
- Perfect Competition
- Role of Government
- Planning and Zoning

Business Organizations

- Single Proprietorship
- Partnerships
- Corporations
- Cooperatives

Marketing of Products

- Economic Aspects of the Farm Supply Business
- Marketing Functions
- Costs of Marketing Food and Fiber Products
- Economic Setting for US Agricultural Policy

Principles of US Monetary System

- Federal Reserve System
- Input-output Function
- International Trade and Agriculture

Commodity Marketing

- Cash Markets and Forward Contracts
- Future Contracts
- Put Option and Call Option

Professional Career Opportunities

- Resumes
- Cover Letters
- Interview Skills
- University and College Applications
- Scholarship Applications

Agribusiness Research Project

- Development of Agribusiness Projects
- Statistical Management of Project via Record Book
- Instructional Coordination
- Analysis of Project Results
- Presentation and Defense Results

Agricultural Inter-Personal and Leadership Development

- Competition of a Supervised Agricultural Experience Program and Record Book
- Development of listening, speaking, writing, and reading skill activities
- Critical thinking and groups team building activities
- Speech and seminar presentations

V. KEY ASSIGNMENTS:

1. Research Paper on Business Economics Concepts
2. Seminar Presentation on Economic Practices
3. Development of Personal Portfolio
4. A rich variety of guide practice activities involving data analysis of business enterprises
5. Development of Business Marketing Plan
6. Interview of Business Owner

VI. METHODS OF EVALUATION:

A. Objective Evaluations

1. Classroom and lab participation.....40%
2. Tests and quizzes.....40%
3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

1. Classroom participation
2. Classroom cooperation
3. Classroom behavior

VII. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource Books, special equipment items, audiovisual materials, etc.)

1. Text: Introduction to Agribusiness, Del Mar Publishers, 2000
2. Lecture
3. Essays and Written Assignments
4. Reading Activities
5. Group/Individual Activities
6. Discussion and Critical Thinking Activities
7. Field trips
8. The Internet
9. Video tapes
10. Guest speakers and presentations

DISTRICT COURSE OUTLINE

BASIC FACTS CONCERNING THE COURSE:

Course Title	Veterinary Science	Department	Agriculture
Grade Level (s)	11-12	Student Level:	College Prep X General X Basic
Course Duration	Year	Credits	10
		Elective/Req.	UC "G"
Prerequisite	Algebra I and Biology or Ag Biology with C or better		

I. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

This class is designed to teach students advanced skills used in animal health and care, focusing primarily on the nutrition, behavior, psychology, handling of and identification of small animal species along with livestock species, prepare students for the animal health field as it relates to veterinary medicine, auxiliary animal health services and products. Students will learn to handle and safely restrain various animals, collect various lab samples, and do simple laboratory tests. Office procedures and records will be stressed as well as oral and written communication.

II. MAJOR GOAL AND STUDENT OUTCOMES:

A. The student will be able to:

1. Access research material from the library, internet, and other sources to complete increasingly challenging assignments as self-directed learners. In depth study of the anatomy and physiology of a variety of animal species is designed to build knowledgeable problem solvers in the field of Veterinary Science.
2. Acquire advanced animal principles, know and respect diversity in the animal kingdom, and become an animal advocate for their welfare on all levels encompassing family pets, domestic livestock and our wildlife resources.
3. Prepare for advanced post-secondary level education in animal science, biology, and/or zoology.
4. Demonstrate ability to solve problems and think critically by effectively completing challenging group and individual projects and assignments. The combination of science labs and academic research enables students to use complex, creative thinking skills to reach sound conclusions.

5. Develop and enhance computer skills while working on individual and group projects to practice and refine written, oral and multimedia communication skills.
6. Develop advanced communication, leadership and research skills, which will contribute to personal and post-secondary success.

III. **COURSE OBJECTIVES:**

In *Veterinary Science*, students will be able to:

A. **Anatomy and Physiology:**

1. Explain the molecular makeup of cells
2. Identify the basic structures of the cell and their corresponding functions
3. Discuss mitosis and its clinical significance in diseases such as cancer
4. Detail meiosis in mammalian reproduction
5. Describe the properties, locations, functions, and varieties of epithelial tissues, connective tissues, muscle and nerve tissues
6. Describe the functions of musculoskeletal system
7. Detail the structure of the bone; name the joint types and their accompanying role in movement
8. List the two major sections of the skeleton, name the corresponding bones, and compare species differentiation
9. Explain how bone grows and remodels; relate bone and muscle groups to movement
10. List blood components and explain the functions of blood
11. Identify the basic structures of the mammalian heart; trace the flow of blood through the heart and body while detailing the parts of the blood vessels and their structural significance
12. Use knowledge of heart function and control to explain the clinical significance of the electrocardiogram; heart sounds, including heart murmurs; and blood pressure
13. Identify the basic components of the respiratory tract; list and discuss the function and control of breathing
14. Identify and name the basic structures in the renal system; name and explain the functions of the renal system
15. Identify structures within the kidney and detail the formation of urine and its regulation
16. Evaluate urine and blood as a measure of the health of the animal and the urinary system
17. Identify the basic structures of the digestive system; explain digestion in monogastrics, including digestive tract function, absorption and the role of the liver in digestion and metabolism
18. Compare and contrast the specialization of dentition and digestive tracts identify male anatomy and relate associated hormonal function
19. Discuss female anatomy and the estrous cycle; list the steps in establishing pregnancy and identify the stages of parturition
20. Describe the neuron, the nerve impulse, and the synapse and explain the components of a reflex arc
21. Identify the major structures of the brain

22. Discuss the anatomy and function of the spinal cord
23. Compare and contrast the function of the sensory somatic system to the autonomic nervous system and differentiate between the two branches of the autonomic system
24. Describe the endocrine system; name the major endocrine glands, list the hormones secreted by each gland, and describe the functions of these hormones
25. Define the term antigen and explain its significance in immunity; distinguish between passive and active immunity

B. Nutrition:

1. List the six major components of animal diets, and discuss their structure and significance in nutrition
2. Explain the general principles in animal nutrition
3. Discuss the difference between dogs, cats and equine nutrition needs

C. Infectious Diseases:

1. Describe Koch's postulates
2. List the important distinguishing features and give example of major disease agents and discuss resulting diseases
3. Name the basic components of disease prevention
4. Describe the types of vaccines available and their roles in disease prevention
5. Classify diseases, match them with the domestic species in which they occur, and discuss their clinical significance
6. List and describe several diseases common in domestic animals that are contagious to humans
7. List the major methods used to diagnose disease and cite examples of disease diagnosis with each testing method

D. Principles of Surgery:

1. Explain the clinical significance of the basic principles of successful surgery
2. Explain the healing of lacerations

E. Pharmacology:

1. Define terms relating to general pharmacology
2. Explain the five schedules of controlled substances and their common use
3. Become familiar with pharmacological agents their uses, adverse side effects and dosage form
4. Identify the parts of drug labels and inserts
5. List routes and describe route of drug administration and routes of drug excretion
6. Define biotransformation and list common chemical reactions involved in this process

F. Genetics:

1. Debate the pro and con of genetic engineering animals for food, conservation and domestic pets
2. Describe the theory of classification of the animal kingdom
3. List common genetic diseases and disorders

G. Professional Opportunities:

1. List requirements to become a registered animal health professional in California
2. Outline the steps to acquiring a veterinary license in California
3. Explain what work ethics are and give examples of their importance in the health profession
4. Create a professional portfolio and demonstrate its use in the interview process for college or work

IV. COURSE OUTLINE:**A. Introduction to Pre-Veterinary Science**

1. Safety and Regulations
2. Laboratory skills
3. Research and data collection procedures
4. Medical terminology

Lab – Using the microscope

Lab – Introduction to lab techniques

B. Anatomy & Physiology

1. Cells of the animal body
2. Cell makeup, structure & function
3. Mitosis and cancer
4. Mammalian reproduction

Lab – Identify animal cells; by tissue type

Lab – Identify plant cells; compare the difference between plant and animal cells

Lab – Cell Chemistry – Periodic table of elements

Lab – Build a cell model

Lab – Osmosis & diffusion investigation

C. Tissue Types and Functions

1. Epithelial
2. Connective
3. Muscle
4. Nerve

Lab – Contraction of glycerinated muscle with ATP

Lab – Examination and diagram cells microscopically

Lab – Dissect muscle, bone, and connective tissue

D. Musculoskeletal System

1. Musculoskeletal system functions
2. Bone structure, growth and remodeling
3. Joint types and movements
4. Axial and appendicular skeletons

Lab – Owl pellet dissection

Lab – Compare and contrast skeletons of mammals, avian, fish

Lab – Observation & diagram of muscle tissue and bone cells

E. Circulatory System

1. Blood components and functions
2. Mammalian heart structures
3. Blood vessels and blood flow
4. Electrocardiograms, heart sounds, and blood pressure

Lab – Separate chemical compounds of blood samples, PCV – Total Protein – ph, etc

Lab – Evaluate sample of different species for normal and abnormal values

Lab – Compare human norms with animals

Lab - Dissection of a cow heart

Lab – Examine stained blood slides for form, function, parasites etc.

F. Respiratory System

1. Respiratory tract
2. Mechanisms of breathing

Lab – Pulse & breathing rate

Lab – Compare metabolic rates of species

Lab – How fish respire

G. Renal System

1. Renal system structure and functions
2. Kidney structure and urine formation and regulation
3. Urine and blood evaluation

Lab – Urinalysis – chemistry and morphology

Lab – Dilution and toxicity

H. Digestive System

1. Digestive system structures
2. Monogastric digestion

Lab – Chemical mechanism of digestion

Lab – Conversion of cellulose to glucose through enzymatic hydrolysis

Lab – Enzyme action on starch

Lab – Chemistry analysis that identifies blood glucose levels

I. Reproductive System

1. Male and female anatomy hormonal function
2. Pregnancy and parturition

Lab – Mitosis and meiosis

Lab – Chick embryo development
 Lab – Alcohol and seed germination

J. Central Nervous System

1. Neuron function

K. Nutrition

1. Basic Nutrients
2. Species comparison
3. Animal nutrition
4. Pet food labels
5. Equine nutrition and fiber digestion
6. Ruminant nutrition and fiber digestion

Lab – Chemical analysis of common foods such as: sugar, starch, lipids, proteins, Vitamin C
 Lab – Evaluation of nutritional values of a meal
 Lab – Energy from yeast

L. Common Diseases & Disorders

1. Principles of infectious disease
2. Koch's postulates
3. Disease agents
4. Disease prevention
5. Vaccines
6. Classification of diseases
7. Parasites (endoparasites and extroparasites)
8. Viral
9. Bacterial
10. Fungal
11. Protozoan
12. Zoonotic
13. Diagnosis of disease

Lab – Fecal analysis for parasites, bacteria
 Lab – Microscopic examination of fleas, ticks, roundworms, flatworms
 Lab – Gram stain and morphology of bacterium
 Lab – Bacterial culture and inhibition
 Lab – Build a virus model
 Lab – Observe and grow fungi

M. Principles of Surgery

1. Laceration healing
2. Surgical considerations

Lab – Testing bactericides
 Lab – Simulated germs and hand washing

N. Pharmacology

1. Classification and chemistry of common drugs

2. Determine amount and correctly measure prescribed medication using medical math, calculation, conversions
3. Drug laws, dispensing and record keeping

Lab – Solute and solutions

Lab – Chemical structure and compounds

O. Radiology

1. Darkroom techniques and radiation safety
2. Biologic changes with radiation

Lab – Anatomical positioning

P. Genetics and Heredity

1. Theory of Classification -Taxonomy
2. Animal Kingdom –Vertebrate & Invertebrate
3. Genetic diseases and disorders
4. Current Issues and Ethics

Lab – Pattern of variation

Lab – Gene regulation

Lab – Manipulation of DNA

Lab – Genetic traits

Lab – Gene regulation

Q. Professional Career Opportunities

1. College education and career planning
2. Professional growth
3. Work ethics and employability skills
4. Resume writing
5. Interview techniques
6. Developing a professional portfolio

R. Veterinary Science Research Presentation

1. Current animal research and investigation
2. Data presentation
3. Summarization and conclusion

S. Agricultural Inter-Personal & Leadership Development

1. Completion of a Supervised Agricultural Experience Program and Record Book
2. Development of listening, speaking, writing & reading skill activities
3. Critical thinking & group team building activities
4. Speaking & Seminar Presentations

V. Texts & Supplemental Instructional Materials:

Introduction to Veterinary Science, Lawhead & baker, Thomson Learning First Edition
Biology – The Dynamics of Life, Glencoe McGraw Hill

An Illustrated Guide to veterinary Medical Terminology, 1st Edition, Janet A. Romich
 Clinical Textbook for veterinary Technicians, 4th Edition, W. B. Saunders Company
 Pharmacology for Veterinary Technicians, Robert Bill, DVM
 Handbook of Veterinary Anesthesia, William Muir, DVM, Mosby Company
 Clinical Anatomy & Physiology for Veterinary Technicians, Mosby-Harcort Science Co

VI. KEY ASSIGNMENTS

- A. Weekly academic textbook assignments
- B. Weekly laboratory activities & report
- C. Veterinary Science Term Paper
- D. Supervised Agricultural Experience Project & Record Book
- E. Student Seminar Presentation on a Veterinary Science Topic
- F. Portfolio of Laboratory Exercises

VII. INSTRUCTIONAL METHODS

- A. Laboratory Activities and Experiments
- B. Lecture and Discussion
- C. Reading research Assignments
- D. Written and Oral Reports
- E. Homework Assignments
- F. Audio-Visual Presentations
- G. Projects

VIII. METHODS OF EVALUATION & ASSESSMENT

- | | | |
|----|-----------------------------------|-----|
| A. | Tests and Quizzes | 40% |
| B. | Homework Assignments/Term Paper | 15% |
| C. | Notebook/Portfolio | 05% |
| D. | Laboratory Activities | 20% |
| E. | SAE Project & Record Book | 10% |
| F. | Leadership Development Activities | 10% |

IX. LABORATORY ASSIGNMENTS

- A. The following laboratory activities will be incorporated:
 - 1. Using the microscope
 - 2. Introduction to lab techniques
 - 3. Identify animal cells; by tissue type
 - 4. Animal health investigation
 - 5. Oral Anatomy & health care investigation
 - 6. Species research - Dogs
 - 7. Species research - Cats
 - 8. Contraction of glycerinated muscle with ATP
 - 9. Examination and diagram cells microscopically
 - 10. Dissect muscle, bone, and connective tissue
 - 11. Owl pellet dissection
 - 12. Compare and contrast skeletons of mammals, avian, fish
 - 13. Observation & diagram of muscle tissue and bone cells

14. Separate chemical compounds of blood samples, PCV – Total Protein – pH, etc
15. Evaluate sample of different species for normal and abnormal values
16. Compare human norms with animals
17. Dissection of an animal heart
18. Examine stained blood slides for form, function, parasites etc.
19. Pulse & breathing rate
20. Compare metabolic rates of species
21. Circulatory system
22. Urinalysis – chemistry and morphology
23. Dilution and toxicity
24. Chemical mechanism of digestion
25. Chemistry analysis that identifies blood glucose levels
26. Chick embryo development
27. Exploring the senses
28. Animal eye dissection
29. Effects of steroids on growth
30. Fecal analysis for parasites & bacteria
31. Immunology Hematology activity

DISTRICT COURSE OUTLINE

I. BASIC FACTS CONCERNING THE COURSE:

Course Title	Dairy Production & Management	Department	Agriculture
Grade Level (s)	11-12	Student Level:	College Prep X General X Basic
Course Duration	1 Year	Credits	20
		Elective/Req.	Elective
Prerequisite	Agriculture II or permission of instructor		

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

This course is designed for students who are interested in working with dairy cattle as a manager, herdsman, and dairy worker or milkier. Students will gain a knowledge of the basic skills as well as a theoretical basis as it relates to such major areas of study as herd health, nutrition, reproduction, artificial insemination, record keeping, fitting and showing, etc.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. Demonstrate an understanding of the scope of the dairy industry in the United States, California and Tulare County.
- B. Consider careers in the dairy industry and to make realistic decisions about such careers.
- C. Identify the importance of the FFA and it's relationship and importance to the Vo-Ag student.
- D. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- E. Demonstrate proper fitting and showing techniques of dairy cattle.
- F. Identify the major diseases of dairy cattle, including the symptoms, treatment and prevention of such diseases.

III. COURSE LEARNING OUTCOMES: (Continued)

- G. Demonstrate an understanding of the importance of controlling mastitis in dairy cattle and it's economic importance.

- H. Explain “functional type” and how it relates to improving dairy cattle.
- I. Demonstrate proper mating of dairy cattle using genetic mating service or AAA.
- J. Explain the importance of dairy cattle records and their relationship to increased profits.
- K. Demonstrate an understanding of computers and their application in dairy records.
- L. Demonstrate proper milking procedure and explain it’s relationship to increased production and decreased incidence of mastitis.
- M. Develop proper and economical rations for dairy cattle.
- N. Explain the importance or reproductive efficiency in dairy cattle and factor that effect reproductive efficiency.
- O. Demonstrate proper techniques of semen handling and artificial insemination.
- P. Explain a proper calf and heifer raising program and how this program relates to having heifers freshen at 24-30 months of age.
- Q. Explain the different types of dairy cattle housing and milking barns with their advantages and disadvantages.
- R. Demonstrate safe and proper working habits as they relate to working with dairy cattle.

- S. Demonstrate a practical knowledge of the following dairy operations
 - 1. Artificial breeding
 - 2. Vaccinating
 - 3. Dehorning
 - 4. Tattooing
 - 5. Castration

6. Clipping cows udder
7. Trim feet
8. Apply magnet
9. Administering drugs and pills
10. Reading thermometer and taking temp.
11. Making rope halters
12. Fence repair
13. Pen scraping and manure disposal
14. Painting
15. Welding
16. Proper care of vet. Equipment
17. Remove extra teats
18. Diagnose and treat disease
19. Branding methods

IV. OUTLINE OF COURSE CONTENT:

A. Dairy

1. Fitting and showing of dairy cattle
 - a. Selection of animals (CLO CFP)
 - b. Breaking to lead (CLO CP)
 - c. Clipping (CLO CQP)
 - d. Grooming (CLO CP)
 - e. Feeding (CLO CKP)
 - f. Showing in the ring (CLO CP)
 - g. Care of equipment (CLO CQP)
 - h. Picture taking (CLO CP)
2. Disease and parasites of dairy cattle
 - a. Metabolic (CLO DQP)
 - b. Parasites (CLO DPQ)
 - c. Infections-primary study –mastitis (CLO DEQP)

IV. OUTLINE OF COURSE CONTENT: (Continued)

3. Dairy cattle selection
 - a. Functional type (CLO F)
 - b. Judging dairy cattle (CLO F)
 - c. Analyzing dairy cattle for proper mating (CLO FG)
 - d. Classification of dairy cattle (CLO F)
4. Dairy cattle records
 - a. DHIA records (CLO HI)
 - b. Herd records (CLO HI)

- c. Pedigrees (CLO H)
- d. Bull proofs (CLO H)
- e. Computers (CLO HI)

- 5. Milk secretion-harvesting the milk crop
 - a. Composition of milk and source of constituents (CLO J)
 - b. Structure of the udder and the circulatory systems of the udder (CLO J)
 - c. The secretory process (CLO J)
 - d. Initiation of milk secretion (priming and milk let down) (CLO J)
 - e. Suggested milking procedures (CLO J)
 - f. Time required for proper milking (A) (CLO J)
 - g. Milking machine systems (CLO J)

- 6. Feeding the dairy cattle
 - a. Ruminant anatomy and physiology (CLO K)
 - b. Nutritive requirements of cattle (CLO K)
 - c. Nutrient contributions of feeds (CLO K)
 - d. Developing practical and economical rations (CLO K)
 - e. Computer ration formulation (CLO K)

- 7. Reproduction in dairy cattle
 - a. Reproductive physiology of the female (CLO L)
 - b. Reproductive physiology of the male (CLO L)
 - c. Abnormalities of reproduction causing decreased fertility or sterility (CLO L)
 - d. Disease effecting reproduction (CLO LD)
 - e. Nutrition and reproduction (CLO LK)
 - f. Inheritance of fertility (CLO L)
 - g. Management of reproduction in male (CLO L)
 - h. Management of dairy cattle for high fertility (CLO L)

IV. OUTLINE OF COURSE CONTENT: *(Continued)*

- 8. Artificial insemination for cattle
 - a. Techniques used in artificial insemination (CLO MP)
 - b. Effectiveness of artificial insemination (CLO M)
 - c. Artificial breeding organization (CLO M)
 - d. Records in artificial insemination (CLO MH)

- 9. Developing dairy calves and heifers
 - a. Care of the calf at birth (CLO NQ)
 - b. Feeding calves and heifers (CLO NK)
 - c. Maintaining healthy calves and heifers (CLO NQ)
 - d. General management of calves (CLO NQ)

- e. Cost of raising heifers (CLO N)
- 10. Dairy cattle housing
 - a. Types of housing (CLO O)
 - b. Comparison of loose housing and free stalls (CLO O)
 - c. Milking facilities (CLO O)
- 11. Job opportunity in the industry
 - a. Dairy manager (CLO AB)
 - b. Dairy herdsman (CLO AB)
 - c. Milkier (CLO AB)
 - d. Feeder (CLO AB)
 - e. Training after high school (CLO AB)

V. **METHODS OF EVALUATION:**

A. Objective Evaluations

- 1. Classroom and lab participation.....40%
- 2. Tests and quizzes.....40%
- 3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

- 1. Classroom participation
- 2. Classroom cooperation
- 3. Classroom behavior

VI. **MATERIALS OF INSTRUCTION:** (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

A. Special equipment and facilities

- 1. Dairy facility for milking and practical instruction
- 2. Livestock working facilities

B. Texts:

- 1. Dairy Cattle Judging Tech., Trimberger, Prentice Hall, 1977
- 2. Feeding Dairy Cattle, U.C. Davis, 1977
- 3. Herd Health Hoards Dairyman, W.D. Hoard & Sons Co., 1981
- 4. Dairy Cattle Fertility and Sterility Hoards Dairyman, W.D. Hoard & Sons Co., 1981
- 5. National Mastitis Council slide set on mastitis
- 6. Dairy Cattle Principles, Practices, Problems, Profits, Bath, Lea & Febiger, 1978
- 7. Kelter cow for A.I. demonstrations
- 8. Hoards Dairyman Magazine
- 9. Holstein World Magazine
- 10. DairyComp 305 Computerized Dairy Herd Management System

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title: Integrated Agriculture Biology

Grade Level(s): 10 - 12

Course Duration: One year **Credits:** 10

Prerequisites: 1) Ag. I & teacher permission, 2) Algebra I completed or concurrent.

Department: Agriculture

Student Level: College Prep

Elective/Req.: Life Sci. / Biology

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

Agriculture Biology is a one-year laboratory science course, designed for the college-bound student with career interests in agriculture. Principles, concepts and interrelationships of: Plant and animal growth, reproduction, cell biology, genetics, taxonomy, evolution, behavior, nutrition, health, diseases and ecology, similarities between animals and humans are explored. The course is centered on the laboratory component linking life and biological science with agriculture applications. Earth, physical and general science principals will be used to link these applications. Written and oral reporting skills will be emphasized.

III. COURSE LEARNING OUTCOMES:

Upon completion of this course, the student will be able to:

Unit A. Introduction to Agriculture Biology

1. Explain the importance of Agriculture Biology in our society. Provide evidence for and defend your explanation
2. Compare various careers in the area of agricultural biology. Report on careers that are held by persons in underrepresented populations?

Unit B. Agricultural Research

1. Explain the importance of research in agriculture.
2. Describe the process of scientific research methods in agriculture.
3. Develop a Supervised Agricultural Experience Project which involves the scientific method.
4. Formulate a term project focusing on one topic in agricultural biology. Relate it to other scientific disciplines.
5. Develop a research project that can be entered in the FFA Agriscience competition.

Unit C. Agriculture and the Environment

1. Identify the roles of plants and animals and their interactions in the web of life.
2. Describe the flow of energy through the biosphere.
3. Compare and contrast the oxygen and nitrogen cycles. Report on their importance in agriculture.
4. Define the term "ecosystem."
5. Appraise at least three current issues in agriculture which biologically affect the environment.
6. Explain the impact of populations on the environment and the effect of the environment on populations.
7. Report on both the good and bad effects of the agricultural revolution on the environment.
8. Evaluate the economic effects of pollution and erosion on production agriculture.
9. Develop and defend a plan to preserve limited resources related to agriculture.
10. Compare and contrast five forms of energy used in agriculture.
11. Design and conduct an experiment that shows the relationship between soil characteristics and plant growth.
12. Describe how agriculture practices can modify soil to improve soil moisture relationships.
13. Conduct an experiment that involves water movement through soil.
14. Compare the internal systems of a single celled organism to those of multicellular organisms.
15. Describe the difference between plant cells and animal cells.

16. Identify blood, bone, fat, nerve, and muscle cells.
17. Identify and diagram male and female gametes in both plants and animals.
18. Compare and contrast the process of mitosis and meiosis.
19. Describe how cells respond to certain stimuli.
20. Explain the concept of cellular adaptation.
21. Discuss the development of the biological concept of "Kingdom."
22. Discuss three reasons for the current use of the modern system of plant classification.
23. Apply taxonomy in three ways to the field of agriculture.
24. Prepare a phylogenetic tree for at least one domestic animal species.
25. Explain how the process of natural selection affects plants and animals. Include the impact of external conditions in the explanation.
26. Analyze the impact of increasing populations on the environment and its resources.

Unit D. Plant Physiology, Reproduction, Photosynthesis, and Growth

1. Compare and contrast the structures and functions of plants from different families.
2. Design and conduct an experiment that covers the entire lifecycle of a plant.
3. Defend the role of green plants in the maintenance of life.
4. Compare and contrast monocotyledons and dicotyledons with respect to leaf, stem, flower structure, and agricultural significance.
5. Analyze the interrelationships among the different systems within the plant.
6. Discuss abiotic environmental factors that affect plant growth (wind, temperature, solar radiation, soil conditions, humidity, pollution etc...).
7. Explain the difference between sexual and vegetative reproduction.
8. Demonstrate an application of both sexual and vegetative reproduction.
9. Discuss how sexual and asexual reproduction are used in agriculture.
10. Research and report on the significant uses of plants in nutrition and medicine.
11. Compare the lifecycle of simple plants, such as algae or moss to a complex plant.
12. Grow at least one indoor and one outdoor landscaping plant or vegetable. Chart the growth pattern and report the results of observations.

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Unit E. Animal Physiology and Behavior

1. Demonstrate an understanding of the structure and function of the digestive system by tracing the pathways of food through the various types of livestock digestive systems, with emphasis on the function of organs in the digestive process.
2. Analyze the function of each mammalian body system.
3. Compare the interrelationships of each system within the mammalian body.
4. Compare and contrast the estrus cycles of cattle, sheep, and swine and the menstrual cycle in humans. Chart the process of fertilization in each species.
5. Explain the importance of cellular respiration to living organisms. Develop a flow chart outlining the process of cellular respiration.
6. Develop a flow chart outlining the development of an embryo from conception through parturition.
7. Describe how animal behavioral patterns affect management and handling practices of domestic animals.
8. Dissect various organisms and identify the organs and systems of each.
9. Compare and contrast the organ systems of different livestock species.
10. Analyze the nutrient requirements of various domestic species.
11. Analyze the nutrient content of several feeds.
12. Develop a low cost feed ration for one species of livestock for maintenance, growth and lactation, using concentrates and roughage's available locally.

13. Describe the symptoms of five common nutritional disorders caused by vitamin or mineral deficiencies or toxicity and explain the treatment and prevention of these diseases.
14. Feed an animal through an entire production cycle, recording the types of feed used, rate of gain, and the lean to fat ratio. Report on observations and conclusions.
15. Develop a flow chart outlining the lifecycle of one internal and one external parasite.
16. Describe the impact of parasites on livestock and on the agricultural industry.
17. Design a disease prevention and health care plan for a project animal.
18. Appraise the results of human medicine in relation to livestock medicine.

Unit F. Plant and Animal Genetics

1. Compare and contrast the phenotypic traits of related breeds and varieties of animals and plants.
2. Explain the function of each of the following: gene, allele, DNA, and RNA.
3. Explain the role of enzymes in chromosome replication, and the implications of biotechnology involving these enzymes.
4. Discuss the contributions of Gregor Mendel to the field of genetics.
5. Conduct a simple experiment which exhibits dominant and recessive properties.
6. Evaluate the effectiveness of selection and heritability in production agriculture by comparing modern day crops and animals to their ancestors.
7. Develop an experiment which develops a trait through selection and heritability.
8. Analyze the effects of biotechnology on modern agriculture.
9. Report on the importance of natural selection as the driving force of evolution and its importance in production agriculture.

IV. OUTLINE OF COURSE CONTENT

A. Introduction to Agricultural Biology

1. What is agricultural biology and why is it important?
2. How does biology in agriculture impact the student?
3. What are the career opportunities for the student in agricultural biology?

B. Agricultural Research

1. Why is research important?
2. What does an agricultural researcher do?
3. How do researchers go about conducting research?
4. What are the principles of research?
 - a. Project formulation and development
 - b. Project management
 - c. Analysis of project results

C. Agriculture and the Environment

1. What are the characteristics of living things?
 - a. Cell Biology
 - 1) Plant and animal cell identification and functions (prokaryotic, eukaryotic, viral)
 - 2) Cell structures and functions

- 3) Cellular respiration, photosynthesis
- 4) Cellular transport
- 5) Cell differentiation
- 6) Enzymes
- 7) RNA, ATP and proteins
2. What are the inorganic characteristics that support life?
 - a. Soil and Water: The Chemical Foundation
 - 1) Atom and molecule structure and chemical bonding
 - 2) Soil: What are the components of soil and why are different soil samples found where they are?
 - a) basic soil components
 - b) soil formation factors and horizons
 - c) soil texture, and structure
 - d) soil organisms and organic matter
 - e) interrelationships of plants and soil
 - 3) Water
 - a) water movement properties
 - 4) Soil and water management
3. How do living organisms interact with the environment? Why do the weather and other abiotic factors affect living organisms?
 - a. Structure and function of ecosystems
 - b. The Food Web
 - c. The “agricultural revolution” and the environment
 - d. Demographics and the environment
 - e. Modern agricultural practices and the environment
4. How are plants and animals classified?
 - a. Taxonomy of living organisms
 - b. Evolutionary relationships with other major groups
 - c. Comparison of modern agricultural crops and livestock to ancestors
5. Evolutionary concepts:
 - a. Natural selection
 - b. The gene pool
 - c. The Hardy-Weinberg equation.
 - d. Genetic drift
6. Comparison of modern agricultural crops and livestock to their ancestors

D. Plant Physiology, Reproduction, Photosynthesis , Health and Growth

1. What are the structures and functions of plants?
2. How do plants grow?
 - a. Seed germination
 - b. Photosynthesis and respiration
3. How do plants reproduce?
 - a. Sexual reproduction
 - b. Asexual reproduction
4. How have modern agricultural practices and biotechnology changed plants?
5. What is the role of plants in nutrition and medicine?
6. The immune response.

E. Animal Physiology, Reproduction, Nutrition, Health and Behavior

1. What are the internal systems of animals? How do these systems differ among species? How are they similar?
2. How do these systems interact to sustain life and promote growth?

- a. The digestive process
- b. The respiratory system
- c. The reproductive system
- d. The circulatory system
- e. The endocrine system
- f. The nervous system
- g. The muscular system
3. Why do animals interact with each other? How does behavior affect management and feeding strategies?
4. What do we feed domestic animals? How is food processed within the body? What are the important characteristics of feeds? What are the animal's nutrient requirements?
 - a. Feed identification and nutrient evaluation
 - b. Livestock nutrient requirements
 - c. Ration formulation
5. What are the major diseases that affect animals? How do these diseases spread? How does the body prevent and fight diseases and infections? What management practices can reduce the incidence of health problems?
6. The immune response

C. F. Plant and Animal Genetics

1. Genetic variations in the gene pool
2. How do cells reproduce?
 - a. Mitosis
 - b. Meiosis
 - c. Fertilization
 - d. DNA sequencing
 - e. Chromosomes
3. What are the physical and chemical structures involved in genetics?
 - a. DNA
 - b. RNA
 - c. Amino acids
4. Who were some famous geneticists? What were their contributions?
5. Why are genetics important in production agriculture?
7. What are some future careers in genetics and biotechnology?
8. Genetic physiology
9. Genetic predictability
 - a. Genotype and phenotype
 - b. Mendel's law
 - c. Inheritance
 - d. Genetic mapping

G. EXAMPLE LABORATORY ACTIVITIES

The laboratory activities are examples of general types of laboratory and field experiments that integrate many areas of life, physical, and earth sciences and agriculture. The purpose of general, rather than specific, experiments is to give students an understanding of the interrelationships among scientific disciplines.

Pollution and ecology activity #1:

Have the students set up a fish tank in the classroom and introduce small amounts of common pollutant chemicals, in order to increase the nutrient content of water over a period of time. Have the students regularly take and record measurements, including, water temperature, pH, water clarity, and visual observations of changes. Apply a heat source to the water to increase the algae growth. Visit a water treatment plant or irrigation district site. Have a water quality specialist speak to the class about his/her job and current problems and challenges facing California related

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to water quality. Have the students write a report on California water quality that includes experimental results as well as information from the guest speaker and field trip.

Cell identification and function activity #2:

Prior to lecture and textbook readings regarding plant and animal cell similarities and differences, have the students take cheek cell samples and plant cell samples from any common houseplant or vegetable. Place both samples on a single slide and observe under a microscope. Have the students diagram both the plant and animal cell, label each component of the cells and describe the differences between the two. Based on observations have the students speculate why the cells differ in structure and function. Have available sample slides of blood, nerve, muscle, bone, and fat cells. Provide slide samples of single cell organisms (at least one plant and one animal organism) and have students compare and contrast the single cell organism to the other plant and animal cells. Take another cheek cell sample and place it in a petri dish. Incubate for one week and place the resulting bacterial cells on a slide to observe growth and splitting of the cells. Use viable, live organism eggs (i.e. sea urchins) and observe both the egg and the sperm under the microscope. Combine the two and allow each student to observe the fertilization through the first splitting of the egg. Have the students outline the process of meiosis. Apply a small amount of antibiotic to the sample in order to observe the cell response to stimuli.

Cellular environment and transport activity #3:

Use thin tubing or capillary tubes to demonstrate osmosis. Have the students experiment with the tubes using various solutions, ranging from pure water to a thick sugar and water solution. Have them describe the differences in transport.

Demographics, living systems, and the ecosystem activity #4:

Have the students draw a natural food web, including plants, insects, larger animal species, and humans. Compare the natural food chain to an artificial chain developed in production agriculture. The students will diagram the interrelationships of different systems in the food web, including the Nitrogen and Oxygen cycles, the effects of increasing populations, and the importance of plants to all participants in the food web. Use a trash can to make either compost or silage in order to demonstrate how the breakdown of organic materials leads to the production of beneficial elements.

Taxonomy of living organisms activity #5:

Have the students collect ten different plants and develop a key to determine the species of each. Given two similar plants of different species, have the students list the differences between the two, using a key. Perform the same activity using insect species. Have the students choose an animal species. Diagram the phylogenetic tree of the animal and list the differences that have occurred over time due to evolution. Compare modern agricultural plants, such as oats, to their relatives that grow in the wild in order to show the differences due to selection, heredity and biotechnology.

Plant physiology, reproduction and growth activity #6:

Start a small garden that includes plants from seed as well as transplants. Provide plant samples with different root, stem, flower, and fruit types. Have students develop models and diagrams of the different plants to demonstrate comparisons and contrasts and have them report on their findings. Using containers, grow similar plants in different soils to show the affects of soil texture and structure on plant growth. Have the students identify the important characteristics of each soil type, where the soil came from and why it is located where it is, and explain how it is beneficial or detrimental to the plant. Germinate seeds in an aquatic environment to demonstrate hydroponics. Have students practice grafting and budding techniques to demonstrate an understanding of asexual reproduction.

Animal physiology, nutrition and behavior activity #7:

Have the students draw and identify the organs involved in the digestive, respiratory, reproductive, circulatory, endocrine, and nervous systems of different animals. Where possible, bring organs to class. Visit a packing plant to

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observe the entire digestive tract of a livestock species. Identify live animals with various nutritional diseases. Have the students develop a balanced ration for their SOEP, taking into consideration the animal's nutrient requirements, availability of feeds in the area, cost, and the animals behavioral patterns which would affect consumption of the ration. Have the students keep accurate records regarding the feeding program and write a report that includes the development of the project, day to day management, and results on the animal's growth or reproductive performance as it relates to the diet.

Plant and animal genetics and reproduction activity #8:

Use microscopes or slides to show the structure of chromosomes. Have the students diagram the processes of mitosis and meiosis. Start a small garden with different varieties of peas of different colors. Cross pollinate the plants to demonstrate dominance. Graft two varieties of plants together. Have the students draw a flow chart showing the development of an animal from the single egg stage, through fertilization, growth, and parturition. Use slides or films to show embryo transfer, artificial insemination, cell splitting, and cloning techniques. Have students write, or give an oral report describing the future possibilities of bioengineering including the ethical and moral concerns that may arise as a result. Show the videotape, " Garden of Inheritance: a Documentary on Gregor Mendell" to show societal and political pressures associated with genetic research.

Term Research Project:

Each student will design and carry out a year long research project. During the first quarter of the year, each student will select a topic, perform library research and form a hypothesis, or research questions. The second quarter will include the development of the methodology, and conducting of an experiment to test the hypothesis. Students can design a new project, or replicate one from past research, making appropriate changes to improve the research design. The third quarter will consist of the data analysis and a summarization of results. During the fourth quarter, the students will complete the research paper, prepare an exhibit and present an oral presentation of their research.

H. METHODS OF EVALUATION:

1. 80% of the grade will be based on classroom instruction, including:
 - a. Exams
 - b. Quizzes
 - c. Work sheets – Lecture notes
 - d. Homework and reading assignments
 - e. Key classroom projects
 - f. Major field and laboratory activities
 - g. Written summaries of individual research projects
3. 20% of the grade will be based on:
 - a. Participation in FFA activities and Supervised Agricultural Experience Projects
 - b. Ongoing supervised agricultural experience project record books
 - c. Summaries of FFA and leadership/personal development achievements and activities

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items such as microscopes and video, audio visual materials, etc.)

Primary text: Freeman, T.E. *MODERN BIOLOGY* (1990 or latest edition available). Holt & Reinhart Publishers.

Resource text: Osborne, E.W. *BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE* (1990 or latest edition available). Interstate Publishers, Inc., Danville, Illinois.
Cooper, E.L. *AGRISCIENCE: FUNDAMENTALS AND APPLICATIONS* (1990 or latest edition available). Delmar Publishers, Albany, New York.

Facilities: Classroom, school farm, library, and computer laboratories.

TULARE JOINT UNION HIGH SCHOOL

DISTRICT COURSE OUTLINE

I. BASIC FACTS CONCERNING THE COURSE:

Course Title	<u>Livestock Production & Management</u>	Department	<u>Agriculture</u>
Grade Level (s)	<u>11-12</u>	Student Level:	
		College Prep	<u>X</u>
		General	<u>X</u>
		Basic	<u> </u>
Course Duration	<u>Year</u>	Credits	<u>20</u>
		Elective/Req.	<u>None</u>
Prerequisite	<u>Agriculture II or permission of instructor</u>		

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

This course provides students with the opportunity to explore the various segments of the total livestock industry. Students will learn basic managerial skills involved in the raising of those breeds of sheep, swine and beef that are important to the industry. Feeding practices, basic veterinarian skills, systems of breeding and a study of the various animal systems are among the more significant areas studied.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. The student will be able to identify those breeds of livestock (sheep, swine and beef) that are important to the industry.
- B. Students will demonstrate a knowledge of the following skills as they relate to the livestock industry.
 - 1. Castrating
 - 2. Docking
 - 3. Dehorning
 - 4. Vaccinating
 - 5. Clipping needle teeth
 - 6. Ear notching
 - 7. Judging and selecting
 - 8. Fitting and showing

III. COURSE LEARNING OUTCOMES: (Continued)

- C. Consider a variety of agriculture careers and make realistic decisions about such careers.

c.

- D. Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.

Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

The student will be able to relate the importance of the livestock industry to the rest of the agricultural spectrum.

- G. The student will be able to identify and properly formulate those feed stuffs for the rearing of cattle, swine and sheep.
- H. The student will be able to identify the digestive system of a ruminant (cattle) and a monogastric (swine) and explain how they function.

Students will demonstrate proper feeding practices with livestock including:

1. Amount to feed daily
 2. Rate of grain
 3. Cost per pound of grain
 4. Mixing ration
 5. Water importance
- J. Students will be able to identify the major diseases of beef, sheep and swine, including the symptoms, treatment and prevention of such diseases.
- K. Students will demonstrate knowledge of the following skills as they relate to the meat industry:
1. To identify those cuts of meat that are in demand by the consumer
 2. To be able to select a desirable carcass from each of the species of the livestock breeds (sheep, swine and beef cattle)
 3. To apply the federal grading system to meats
- L. Explain the various systems of breeding beef cattle, sheep and swine (artificial and natural).

III. COURSE LEARNING OUTCOMES: (Continued)

Identify the anatomy involved and explain the physiology of the reproductive tract for beef, swine and sheep.

Students will demonstrate safe and proper techniques in working with livestock,

IV. OUTLINE OF COURSE CONTENT:

A. Breed Study

1. History and development of the breed (CLO B)
2. Distribution, adaptation and the future of the industry (CLO B)
3. Breed management (CLO B)
4. Breed identification (CLO B)
 - a. Beef (CLO A)
 - b. Sheep (CLO A)
 - c. Swine (CLO A)
5. Judging and selecting livestock (CLO KB)
6. Fitting and showing livestock (CLO BJK)

B. Feeding Livestock

1. Required nutrients and their importance (CLO C)
2. Identification of feedstuffs used (CLO C)
3. Factors affecting the value of feeds (CLO C)
4. Digestive systems of
 - a. Monogastric (CLO D)
 - b. Ruminants (CLO D)
5. Requirements for
 - a. Growth (CLO E)
 - b. Fattening (CLO E)
 - c. Reproduction (CLO E)
6. Feeding farm animals-general management (CLO EJ)
7. Formulating rations (CLO C)

C. Disease and Parasites

1. Introduction (CLO F)
 - a. Battle against animal diseases (CLO FJ)
 - b. Food supply and animal diseases (CLO FJ)
 - c. Economics of livestock diseases (CLO F)
2. Livestock Diseases
 - a. Causes and treatment (CLO F)
 - b. How diseases are spread (CLO F)
 - c. Genetics and it's relationship to diseases (CLO F)
 - d. Prevention and treatment (CLO F)
 - e. Terminology (CLO F)
3. How the body functions in combating diseases (CLO F)
4. How to tell when an animal is sick (CLO F)

D. Animal Reproduction

1. Principles of livestock genetics (CLO H)
2. Anatomy and physiology of the reproduction tract (CLO H)
3. Problems or reproduction (CLO H)
4. Beef breeding program (CLO HJ)
5. Semen production and handling (CLO H)
6. Pregnancy checking (CLO H)

E. Meat and Carcass Evaluation

1. World livestock consumption (CLO G)
2. U.S. livestock consumption (CLO G)
3. Federal meat grades (CLO G)
4. Disposition of the carcass (CLO G)
5. Livestock carcass and it's wholesale cuts (CLO G)
6. Nutritive value of meat (CLO G)
7. Purpose of aging meats (CLO G)
8. By-Products (CLO G)
9. Carcass evaluation (CLO GK)

F. Future Farmers of America Activities

1. Meetings
2. Judging contests
3. Livestock shows
4. Project awards

V. METHODS OF EVALUATION:

A. Objective Evaluations

1. Classroom and lab participation.....40%
2. Tests and quizzes.....40%
3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

1. Classroom participation
2. Classroom cooperation
3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

Beef Cattle Science, M.E. Ensimer, The Interstate
Sheep and Wool Science, M.E. Ensimer, The Interstate
Swine Science, M.E. Ensimer, The Interstate
Livestock & Poultry Production, Bundy & Diggins, Prentice Hall, Inc.
 Livestock Videos, Vep.

**TULARE JOINT UNION HIGH SCHOOL
DISTRICT COURSE OUTLINE**

I. BASIC FACTS CONCERNING THE COURSE:

Course Title	Nursery & Landscape Technology	Department	Agriculture
Grade Level (s)	11-12	Student Level:	
		College Prep	X
		General	X
		Basic	
Course Duration	Year	Credits	20
		Elective/Req.	Elective
Prerequisite	None		

II. BRIEF DESCRIPTION OF COURSE INCLUDING STATEMENT OF PURPOSE:

The Nursery Technology course will provide students the opportunity to gain knowledge and understanding of the horticultural industry. Horticulture is a vital and growing industry in California, one that offers many career opportunities. Course study will include such areas as modern nursery production operations, retail sales, landscape design and construction, landscape maintenance and pest control. Students will make use of greenhouses, shade house, garden, orchard and landscape areas.

III. COURSE LEARNING OUTCOMES:

Upon successful completion of this course the student will:

- A. Understand plant classification and identification.
- B. Understand the basic principles of plant physiology and growth, including photosynthesis, osmosis, transpiration, respiration, plant structure, and cell structure.
- C. Understand the methods of asexual plant reproduction as well as the factors affecting them.
- D. Understand basic principles of integrated pest management. They will identify pest and disease damage and learn methods of control.
- E. Understand water and soil (media) management practices.

III. COURSE LEARNING OUTCOMES (continued):

- F. Understand Plant nutrition practices for Ornamental Plants as it relates to plant growth and health.

- G. Understand basic principles of pruning and training horticulture plants.
- H. Understand the selection, installation, and maintenance of turf.
- I. Understand The care and maintenance of nursery stock.
- J. Understand the safe use, repair, and maintenance of tools, equipment, and facilities found in the horticulture industry.
- K. Understand the basic principles of landscape planning, design, construction, and maintenance.
- L. Understand the basic principles and skills of floral design.
- M. Understand horticulture career paths and students will be aware of professional trade organizations within the horticulture industry.
- N. Understand the importance of keeping records of business transactions and production records.
- O. Recognize the traits of effective leaders.
- P. Understand the relationship between a Supervised Occupational Experience project (SOE) and their preparation for a career in agriculture.

IV. OUTLINE OF COURSE CONTENT (Course Learning Outcomes correspond directly to following outline):

A. Plant Classification

1. Classify and identify plants using botanical growth habits, landscape uses, cultural requirements, and a simple botanical key.
2. Demonstrate plant selection and identification for local landscape applications.

B. Plant Physiology

1. Raise various plant materials under a variety of conditions and identify the factors affecting plant growth.

C. Plant Reproduction

1. Safely demonstrate propagation practices and monitor plant development.

IV. OUTLINE OF COURSE CONTENT (continued):

- D. Integrated Pest Management
 1. Read and interpret pesticide labels and understand safe pesticide management practices.

E. Soil and Water

1. Demonstrate an understanding of water and soil and how they affect plant growth.
2. Prepare and amend soils, implement methods of soil conservation, and evaluate results.

F. Plant Nutrition

1. Read and interpret fertilizer labels and use Proper application practices.

G. Pruning Methods

1. Evaluate various plant materials and safely prune them according to plant and landscape requirements to manage growth and/or fruit and flower production.

H. Turfgrass

1. Install and/or maintain a lawn area.

E. I. Nursery Production

1. Propagate and maintain a horticulture crop to the point of sale.
2. Identify procedures commonly used in nursery production.

F. J. Ornamental Horticulture Equipment

1. Safely operate and maintain selected hand and power equipment.

K. Basic Landscaping

1. Demonstrate proper landscape planting and maintenance practices.

L. Floriculture

1. Identify materials and tools, describe proper handling, safe preparation, and the arrangement of cut flowers.
2. Design and construct a simple floral project.

M. Horticulture Careers and Industry

1. Demonstrate strategies for obtaining employment.

N. Horticulture Record Keeping

1. Maintain and complete record books, production records, and other records as needed.

IV. OUTLINE OF COURSE CONTENT (continued):

O. Interpersonal Leadership Development

1. Participate in leadership training activities associated with the FFA including public speaking, leading group discussions, working within a committee, conducting business meetings, and problem solving.

P. Supervised Occupational Experience Project

1. Participate in a supervised occupational experience project employing skills and knowledge learned in the classroom.
2. Maintain an on-going record book.

V. METHODS OF EVALUATION:

A. Objective Evaluations

1. Classroom and lab participation.....40%
2. Tests and quizzes.....40%
3. FFA participation, S.A.E. and Record Book.....20%

B. Subjective Evaluations

1. Classroom participation
2. Classroom cooperation
3. Classroom behavior

VI. MATERIALS OF INSTRUCTION: (Include textbooks, sets of resource books, special equipment items, audio visual materials, etc.)

Western Garden Book, Lane Publishing Co. (current edition)

Working in Horticulture, Richardson, W.B., Moore, Gary E., Gregg Division/McGraw Hill Book Company, 1980

Tulare Ag Department

Welding Work Log

25/35

Name Gary TaylorMonth January

Date	Description of Activity write in complete sentences	Hours of work
1/7	In class talking about the computer project B-Day	1hr 30 min
1/14	went into the computer lab started on project B-Day	1hr 30 min
1/15	went back into the shop and welded this was a holiday	1hr 30 min
1/21	went back into the computer lab and worked on plasma cut	1hr 30 min
1/27	in the computer lab worked on the stat on the project and almost finished	1hr 10 min
2/6	finished the stat and started on both the sample	1hr 30 min
2/13	worked on the both almost finished	1hr 30 min



Tulare Joint Union High School District
Agriculture Department



Name of Student: Martin Date: 11/12/09
Course Enrolled: Ag Bio / Welding Grade: 11
Length of Visit: 7:13 - 4:56 Objective of Visit: SAR update

Project (s): 20/20 livestock (placement)

General Condition of Project:

Equipment is clean and taken care of.

Good Points of the Project:

Student is learning how to handle animals safely
and properly

Recommendations:

Get more involved in the customer and how the
business works.

Other Items:

Student Signature Martin Date 11/22/09
Teacher Signature [Signature] Date 11/12/09



Tulare Joint Union High School District Agriculture Department



Name of Student: Michael Date: 7/30/09
Course Enrolled: Ag Business Grade: 12
Length of Visit: 2:53 - 3:02 Objective of Visit: 500 m plate (weight)

Project (s): Market hog

General Condition of Project:

Great looking hampshire stiff coated

Good Points of the Project:

Project is growing fast weight of hog 175 lbs

Recommendations:

Lay down some bedding material on concrete
to help ease the feet

Other Items:

Student Signature Michael Date: 7/30/09
Teacher Signature [Signature] Date: 7/30/09



Tulare Joint Union High School District Agriculture Department



Name of Student: Alex [redacted] Date: 2/25/10
Course Enrolled: Ag Mechanics Grade: _____
Length of Visit: 4:32 - 5:09 Objective of Visit: SAE update

Project (s): walnut orchard (Entrep.)

General Condition of Project:

5 acres of walnuts in an old orchard, no chemicals
used in orchard.

Good Points of the Project:

Trees are large and can hold a lot of crop

Recommendations:

Take care of weeds more often

Other Items:

Student Signature: [Signature] Date: 2/25/10
Teacher Signature: [Signature] Date: 2/25/10



Tulare Joint Union High School District
Agriculture Department



Name of Student: Jose Date: 1/20/10
Course Enrolled: welding Grade: 11
Length of Visit: 5:00 - 5:43 Objective of Visit: SAE update

Project (s): Bussell Farms

General Condition of Project:

student is working hard and trees look good

Good Points of the Project:

student is getting many opportunities to learn

Recommendations:

learn how to read chemical recommendations

Other Items:

Student Signature Jose Date 1/20/10
Teacher Signature [Signature] Date 1/20/10



Tulare Joint Union High School District Agriculture Department



Name of Student: Bruno Date: 5/3/10
Course Enrolled: Ag 2 Grade: 10
Length of Visit: 4:08 - 4:24 Objective of Visit: Plants

Project (s): Plants

General Condition of Project:

Some plants are looking like they have a lack
of water.

Good Points of the Project:

No pests on plants

Recommendations:

Check plants regularly so they don't die.

Other Items:

wants to expand plants that he is growing.

Student Signature Bruno Date: 5/3/10
Teacher Signature ll n Date: 5/3/10



Tulare Joint Union High School District Agriculture Department



Name of Student: Aaron Date: 5/27/10
 Course Enrolled: welding Grade: 11
 Length of Visit: 5:00 - 5:14 Objective of Visit: sheep handout

Project (s): Marker sheep

General Condition of Project:

large sheep for age no visual signs of
problems

Good Points of the Project:

Healthy lamb

Recommendations:

work out a feeding schedule with pen mates

Other Items:

Make sure waterer is working properly

Student Signature Aaron Date 5/27/10

Teacher Signature [Signature] Date 5/27/10



Tulare Joint Union High School District

Agriculture Student



Name of Student: Jeremy Date: 3/12/10
Course Enrolled: Advanced welding Grade: 12
Length of Visit: 3:30 - 4:30 Objective of Visit: SOE visit

Project (s): Fabric trailer

General Condition of Project:

Trailers look clean with great welds.

Good Points of the Project:

Welding proper safety gear -

Recommendations:

Learn how to order parts for trailers.

Other Items:

Keep up hard work.

Student Signature: [Signature] Date: 3/12/10

Teacher Signature: [Signature] Date: 3/12/10



Tulare Joint Union High School District

Agriculture Department



Name of Student: Tiffany Date: 7/14/09

Course Enrolled: Ag Bio Grade: 10

Length of Visit: 3:15 - 3:38 Objective of Visit: Market hog

Project (s): Market hogs

General Condition of Project:

Fair - hogs is sunburned

Good Points of the Project:

Healthy other than sunburn.

Recommendations:

Apply sunscreen to hog daily

Other Items:

Student Signature: Tiffany Date: 7/14/09

Teacher Signature: [Signature] Date: 7/14/09



Tulare Joint Union High School District Agriculture Department



Name of Student: AS Co Date: 11/18/09
 Course Enrolled: Flora Grade: 10
 Length of Visit: 4:00 - 4:23 Objective of Visit: SAE visit

Project (s): Holland 1000 (bunnies)

General Condition of Project:

- All animals have food and water, pens slightly dirty

Good Points of the Project:

Doe lost weight

Recommendations:

- clean pens

Other Items:

- prep for winter - suggest cover

Student Signature AS Co Date: 11/18/09
 Teacher Signature [Signature] Date: 11/18/09



Tulare Joint Union High School District Agriculture Department



Name of Student: Andrew [redacted] Date: 8/15/09
 Course Enrolled: Welding Grade: 11
 Length of Visit: 5:00 - 5:15 Objective of Visit: Fair pig sale

Project (s): market hogs

General Condition of Project:

Good 1 show pig for county Fair
weight 200

Good Points of the Project:

Pens Clean

Recommendations:

Dry up water hole

Other Items:

→ Practice showmanship twice a week

Student Signature [redacted] Date 8/15/09
 Teacher Signature [redacted] Date 8/15/09



SAE visits are all recorded and keep in this folder so that I have easy access to the forms for any checking that needs to be done.

TULARE HIGH SCHOOLS AGRICULTURE DEPARTMENT

STUDENT FFA SUMMARY

REMEMBER TWENTY PERCENT (20%) OF YOUR GRADE IS BASED ON YOUR PARTICIPATION IN FFA ACTIVITIES, SAEP PROJECTS AND RECORD BOOKS.

Print Last Name_____First Name_____

Ag. Class_____Teacher_____Period_____

Circle one: Freshman Sophomore Junior Senior

I. FFA ACTIVITIES: List at least six (6) activities that you have participated in the last year (3 per semester are required)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

FFA activities include meetings, judging teams, sales of tickets or food, speaking contests, fairs, donkey basketball, etc.

II. SAEP (FFA Projects & Record Books): List your project(s) below, include the scope of the project (how many or how much). A Supervised Agricultural Experience Program (SAEP), consists of all agricultural experiences learned outside of the regular scheduled classroom of laboratory (farm labs).

TYPES OF SOEPS

(a) Production- (Student Ownership) Examples: Breeding and market beef, sheep, swine, dairy, nursery production, landscape maintenance, vegetable gardens, crop production, rabbits, chickens, specialty animals, goats, breeding horses.

(b) Paid Work Experience- (Working for wages in an ag. related job). Examples: Supply store, Florists shop, nursery work, ranch & farm labor, landscape maintenance. .

(c) Unpaid Work Experience Projects- (Unpaid work) Examples: Landscaping your home, working at the high school farm outside of class time, working a few hours/day for a relative.

Student SAEP projects are STRONGLY encouraged for 1st year Ag students and are REQUIRED of 2nd, 3rd, & 4th year Ag students. 6. Agriculture Program

Each current Full-time credentialed agriculture program teachers may choose to work up to two additional months beyond the 185 day school year, each year, at their daily rate of pay (one month equals 20 work days at six (6) hours and 50 minutes per day for a total of 273 hours). Seventy-three of the 273 hours can be used during the regular school year and the remaining 200 hours are to be utilized during non-school days in June, July, and August. All hours worked must be completed at a District approved location. All hours worked must be served for agricultural related purposed including, but not limited to, FFA activities and project supervision of major student projects. All hours worked under this provision must be pre-approved by the Superintendent or his/her designee in order to be counted. Each Agriculture teacher must provide the District Office designee with a monthly log which must include date, 104 time, student names, project description, and location.

Effective September 1, 2008, credentialed agricultural program teachers hired on or after September 1, 2008, may choose to work up to 137 hours outside their regular 185 day school year contract. These hours will be compensated at the In-service Education rate. In-service Education rate for certificated staff approved within the District's guidelines shall be compensated at 75% of Step I on Column II of the Adult School Hourly Salary Schedule. For the 2008-2009 school year the rate is \$22.76 per hour. All 137 hours are to be utilized during non-school days in June, July, and August. All hours worked must be served for agricultural related purposes including, but not limited to, FFA activities and project supervision of major student projects. All hours worked under this provision must be pre-approved by the Superintendent or his/her designee in order to be counted. Each Agriculture teacher must provide the District Office designee with a monthly log which must include date, time, student names, project description, and location.

Blue Jacket **PRIDE,** **Golden** **Opportunities**



TULARE FFA
PROGRAM OF ACTIVITIES
2009-2010

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- VI. Committees**
- VII. Achievement Points**
- VIII. FFA Creed**
- IX. Judging Teams**
- X. Degrees**
- XI. Constitution**

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

July 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Independence Day
5	6	7 Dairy Showmanship 5-7	8 K.O.L.C. gill Net 1:30 pm	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7	11 Dairy Showmanship 5-7
12	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7
19	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23 Dairy Showmanship 5-7	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7
26	27 Dairy Showmanship 5-7	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7	30 Dairy Showmanship 5-7	31 Dairy Showmanship 5-7	

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

August 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Labor Day
2	3	4	5	6	7	8
9	10	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7
16	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7
23	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7	27 Dairy Showmanship 5-7	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7
30	31 Dairy Showmanship 5-7					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

September 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Cotton 4:30-5:30	2	3 Cotton 4:30-5:30	4 Cotton 4:30-5:30	5 Cotton 4:30-5:30
6	7 Dairy Showmanship 5-7	8 Dairy Showmanship 5-7	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7
13	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7
20	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23 Dairy Showmanship 5-7	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7
27	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7	30 Dairy Showmanship 5-7	31 Dairy Showmanship 5-7		

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

October 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 Halloween
4	5 Dairy Showmanship 5-7	6 Dairy Showmanship 5-7	7 Dairy Showmanship 5-7	8 Dairy Showmanship 5-7	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7
11	12 Dairy Showmanship 5-7	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7
18	19 Dairy Showmanship 5-7	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23 Dairy Showmanship 5-7	24 Dairy Showmanship 5-7
25	26 Dairy Showmanship 5-7	27 Dairy Showmanship 5-7	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7	30 Dairy Showmanship 5-7	31 Dairy Showmanship 5-7

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

November 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Dairy Showmanship 5-7	2 Dairy Showmanship 5-7	3 Dairy Showmanship 5-7	4 Dairy Showmanship 5-7	5 Dairy Showmanship 5-7	6 Dairy Showmanship 5-7	7 Dairy Showmanship 5-7
8	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7	13 Dairy Showmanship 5-7	14 Dairy Showmanship 5-7
15	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7	20 Dairy Showmanship 5-7	21 Dairy Showmanship 5-7
22	23 Dairy Showmanship 5-7	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7	27 Dairy Showmanship 5-7	28 Dairy Showmanship 5-7
29	30 Dairy Showmanship 5-7					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

December 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 Dairy Showmanship 5-7	8 Dairy Showmanship 5-7	9 Dairy Showmanship 5-7	10 Dairy Showmanship 5-7	11 Dairy Showmanship 5-7	12 Dairy Showmanship 5-7
13	14 Dairy Showmanship 5-7	15 Dairy Showmanship 5-7	16 Dairy Showmanship 5-7	17 Dairy Showmanship 5-7	18 Dairy Showmanship 5-7	19 Dairy Showmanship 5-7
20	21 Dairy Showmanship 5-7	22 Dairy Showmanship 5-7	23 Dairy Showmanship 5-7	24 Dairy Showmanship 5-7	25 Dairy Showmanship 5-7	26 Dairy Showmanship 5-7
27	28 Dairy Showmanship 5-7	29 Dairy Showmanship 5-7	30 Dairy Showmanship 5-7	31 Dairy Showmanship 5-7		

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

January 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 HAPPY NEW YEAR	2
3	4	5	6	7	8	9 Roadway & Trailer Vine & Tree Prun Contests 8:30am
10	11 2nd Semester Begins	12	13	14 CALIFORNIA COUNTRY SHOW Open	15	16
17	18 MLK Day No School	19	20	21 Easter, Golden West Cane Contest @ GWHS 4pm	22 Egg FFA Application Day	23
24	25 Ag Post Team Begins	26 Specialty Animal Team Begins	27	28 CALIFORNIA COUNTRY SHOW Open	29 Small Animal Team Begins	30 Roadway Mid- Winter Field Day and Nat. Passover State Finals
31						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

February 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Cypress Lake Bldg	2 Brew 7-4:30pm	3 TK Speech Contests Tulare 4:30pm Comm. Serv 8AM	4 SCATK C&S BQ Contests @ Rosedale 5pm Horse 8am	5	6 Winter State Finals (Cane, Vine, & Pruning) Prizes
7	8 Engineering Quiz Countryside Dealer Show	9 Engineering Quiz Countryside Dealer Show	10 COWS Meet & Eat @ GWHS	11 Brew 5-5:30	12 No School	13 MSJCA Market & Highline C. & W. Highline & W. or C. & W. Highline
14	15 Valentine's Day No School	16 Brew 5-5:30	17	18 Brew 5-5:30	19 COWS Dealer	20
21	22	23 Brew 5-5:30	24 COWS Dealer C&W Dealer	25 Brew 5-5:30	26	27 COWS Dealer C&W Dealer
28						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

March 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 State Preliminary Starting C&W	4	5 UC Davis Park Pro	6 Brew 5-5:30 Great Western Dairy Contest UC Davis Field Day
7	8	9 Dairy Basketball 6:30 MORS	10	11 SO, TK Park Pro @ Hartford 4pm	12	13 Waco Field Day Chick State Finals @ GWHS
14	15	16	17	18 Rip. Park pro @ GWHS 12pm	19 Rip. Park pro @ GWHS 12pm	20 Roadway College Field Day Marcel JC Field
21 SA State Office Contests & Training @ Great Western	22	23 W State Office Contests & Training @ Great Western	24	25 W State Office Contests & Training @ Great Western	26 Rip. Speech Con- tests 10am	27 MUC Field Day
28	29	30	31			

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

April 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Easter - Variable	2	3
4 COWS Dealer	5 No School	6	7	8 Market Highlight @ GWHS	9 Dairy C&W Festival	10 Get Poly Partners Field Day Roadway Field Day
11	12 Brew 5-5:30-7pm	13 Market Highlight @ GWHS	14	15 State Speaking Prizes @ GWHS 11:30	16 JUNIOR Dealer Prizes 7:30am	17 Prizes Field Day
18	19	20 Brew 5-5:30-7:30	21	22 Brew 5-5:30-7:30	23 Brew 5-5:30-7:30	24
25	26 Brew 5-5:30-7:30	27 Brew 5-5:30-7:30	28	29 W State Office Apprentice Brew 5-5:30-7:30	30	

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Cal Poly-SLO Field Day
2	3	4 Dairy State Bldg @ GWHS	5 COWS Roadway Bldg @ GWHS 4pm	6 EFFAGC Roadway 4pm @ GWHS 4pm	7	8
9 MLK Day	10	11	12	13	14	15
16 Rip. Office Planning @ GWHS 11pm	17	18 CALIFORNIA COUNTRY SHOW Open	19	20	21 FFA Awards @ GWHS	22
23	24 Brew 5-5:30	25	26	27	28	29
30	31 MLK Day No School					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

June 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 Last Day of School @ GWHS	8 Student Body Day @ GWHS	9	10	11	12
13	14	15 Brew 5-5:30-7:30	16	17	18	19
20 Fall & Spring @ GWHS 11pm	21	22 Brew 5-5:30-7:30	23	24	25	26
27	28	29	30			

Tulare FFA Program of Work

Tulare FFA Budget

Estimated Income 2009- 2010

Donkey Basketball	\$3,500.00
Deep Pit BBQ	\$2,500.00
Vending Machines	\$1,500.00
Total	\$7,500.00

Estimated Expenses 2009-2010

FFA Banquet	\$3,500.00
Conferences	\$2,500.00
Program of Activities	\$250.00
Needy Baskets	\$250.00
Leadership Teams	\$150.00
Officer Team	\$500.00
Total	\$7 150.00

Tulare FFA Leadership Organizational Breakdown

Tulare FFA Chapter

Tulare FFA Officer Team

Community Development

Chair: Tulare Union Vice President

Relay For Life

Million Can Challenge

Change Wars

Santa Fe Trail

Ronald McDonald House

Valley Children's

Student Development

Chair: Tulare Western Vice President

Chapter Meetings

Advertisement

Awards

Chapter Development

Chair: Mission Oak Vice President

Funding

Public Relations

Recruitment

FFA Web Site

Tulare FFA Achievement Points

Leadership	Points Possible	Points Received
Greenhand Degree	100	
Chapter Farmer Degree	200	
State Farmer Degree	1000	
Sectional Star	200	
Regional Star	500	
State Star	1000	
State Committee Chair	350	
Sub Committee Chair	100	
National Finalist	1000	
Chapter Officer	500	
Regional Officer	800	
Sectional Officer	100	
Applied to be a State Delegate (application)	50	
Delegate to State Convention	100	
Active Sub-Committee Chairperson (chapter)	350	
Active Committee Member (chapter)	150	
Monthly Meetings (per meeting)	100	
Greenhand Conference	100	
MFE	100	
ALA	100	
SLE (applied for)	100	
Applied to be a National Delegate (application)	100	
Delegate to National Convention	200	
Leadership Team Member (per school)	500	

Fairs and Shows	Points Possible	Points Received
Exhibited at a fair or show (each specie)	500	
Per Head exhibited within a specie	200	
Entered Showmanship/Class	100	
First in Showmanship/class	500	
Second in Showmanship/class	400	
Third in Showmanship/class	300	
Fourth in Showmanship/class	200	
Fifth in Showmanship/class	100	
Breed or Jr. Champion	200	
Reserve Breed or Jr. Champion	100	
Grand Champion	500	
Reserve Grand Champion	300	
Outstanding Exhibitor	500	
Supreme Grand	1000	
Reserve Supreme	750	
Judging Teams		
Active Member (per team)	250	
Contest (per team)	500	
Go to State	500	
State Contest	750	
Win State	1000	
National Contest	1000	
National: Bronze	1000	
National: Silver	1500	
National: Gold	2000	
National: Winner	3500	
Overall Team and Individual Placing		
1st	250	
2nd	200	

3rd	150	
4th	100	
5th	50	
Speaking and Parli Pro		
Competed at Sectional Contest	100	
Sectional Finalist	200	
Competed at Regional Contest	300	
Regional Finalist	400	
Competed at State Contest	500	
State Finalist	600	
1st	1000	
2nd	500	
3rd	400	
4th	300	
5th	200	
6th	100	
High Chairs (Parli Pro Only) (per contest)	100	
SAE		
Hours Self Labor (2 point per hour up to 1000 hours)	Up to 1000 hrs	
Sectional Proficiency Award Application	100	
Regional Proficiency Award Application	200	
State Proficiency Award Application	500	
State Winner	1000	
National Proficiency Award Application	1000	
National Winner	3500	
Sectional Winner	150	
Regional Winner	300	
State Winner	500	
National Winner	1000	
		i

Scholarship

C.S.F. each semester	200	
Honor Roll	200	
A grade each semester	100	
B grade each semester	50	
C grade each semester	10	
Academic Letter	200	

Specific Points for Activities

Community Service (for each activity)	25 per hour	
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Fundraiser

Deep Pit (100 points per bundle sold)		
Donkey Basketball (100 points for every 10 sold)		
Pancake Breakfast (100 points for every 10 sold)		
Spring Deep Pit (100 points for every 10 sold)		
Fund Raisers - worked	300	

Total Points Received

FFA Creed

I believe in the future of agriculture, with a faith born not of words but of deeds - achievements won by the present and past generations of agriculturists; in the promise of better days through better ways, even as the better things we now enjoy have come to us from the struggles of former years.

I believe that to live and work on a good farm, or to be engaged in other agricultural pursuits, is pleasant as well as challenging; for I know the joys and discomforts of agricultural life and hold an inborn fondness for those associations which, even in hours of discouragement, I cannot deny.

I believe in leadership from ourselves and respect from others. I believe in my own ability to work efficiently and think clearly, with such knowledge and skill as I can secure, and in the ability of progressive agriculturists to serve our own and the public interest in producing and marketing the product of our toil.

I believe in less dependence on begging and more power in bargaining; in the life abundant and enough honest wealth to help make it so--for others as well as myself; in less need for charity and more of it when needed; in being happy myself and playing square with those whose happiness depends upon me.

I believe that American agriculture can and will hold true to the best traditions of our national life and that I can exert an influence in my home and community which will stand solid for my part in that inspiring task.

Judging Teams

- ◆ Lands/Soils
- ◆ Prepared Public Speaking
- ◆ Extemporaneous Public speaking
- ◆ Cotton
- ◆ Floriculture
- ◆ Job Interview
- ◆ Citrus
- ◆ Parliamentary Procedure
- ◆ Farm Power
- ◆ Ag Mechanics
- ◆ Marketing Plan
- ◆ Best Informed Greenhand
- ◆ Opening/Closing Ceremonies
- ◆ Dairy Cattle
- ◆ Dairy Products
- ◆ Creed
- ◆ Livestock
- ◆ Small Engine
- ◆ Agriculture Issues
- ◆ Cooperative Marketing
- ◆ Vine Judging

Degrees

Greenhand Degree

To be eligible to receive the Greenhand FFA Degree from the chapter, the member must meet the following minimum qualifications:

1. Be enrolled in agricultural education and have satisfactory plans for a supervised agricultural experience program.
2. Learn to explain the FFA Creed, Motto, Salute and FFA Mission Statement.
3. Describe and explain the meaning of the FFA emblem and colors.
4. Demonstrate knowledge of the FFA Code of Ethics and the proper use of the FFA jacket.
5. Demonstrate knowledge of the history of the organization, the chapter constitution and bylaws, and the chapter Program of Activities.
6. Personally own or have access to the *Official FFA Manual and the FFA Student Handbook*..
7. Submit written application for the Greenhand FFA Degree.

Chapter Degree

To be eligible to receive the Chapter FFA Degree from the chapter, the member must meet the following minimum qualifications:

1. Must have received the Greenhand Degree.
2. Must have satisfactorily completed the equivalent of at least 180 hours of systemic Agricultural education at or above the ninth grade level, has in operation an approved supervised agriculture experience program, and be enrolled in an agricultural education course.
3. Have participated in the planning and conducting of at least three official functions in the Chapter Program of Work.
4. Have earned and productively invested at least \$150.00 by the member's own efforts Or worked at least forty-five hours in excess of scheduled class time, or a combination thereof, and have developed plans for continued growth and improvement in a supervised agriculture experience program.
5. Have effectively led a group discussion for 15 minutes.
6. Have demonstrated five procedures of parliamentary law.

7. Show progress toward individual achievement in the FFA award program.
8. Have a satisfactory scholastic record.
9. Submit a written application for the Chapter FFA Degree.

State Degree

To be eligible to receive the State FFA Degree from the state association, the member must meet the following minimum qualifications:

1. Have received the Chapter FFA Degree.
2. Have been an active FFA member for at least two years at the time of receiving the State FFA Degree.
3. While in school, have completed the equivalent of at least two years of systematic school instruction in agricultural education at or above the ninth grade level, which includes a supervised agricultural experience program.
4. Have earned and productively invested at least \$1000.00, or worked at least 300 hours in excess of scheduled class time, or a combination thereof, in a supervised agriculture experience program.
5. Demonstrate leadership ability by:
 - a. Performing 10 procedures of parliamentary law.
 - b. Give a six minute speech on a topic related to agriculture, or the FFA.
6. Serve as an FFA officer, committee chairperson, or participating member in the development of the chapter Program of Work.
7. Have a satisfactory scholastic record as certified by the local agricultural educator and the Principal or Superintendent.
8. Have participated in the planning and the completion of the chapter program of activities.
9. Have participated in at least five different FFA activities above the chapter level.

American Degree

To be eligible to receive the American FFA Degree from the National FFA Organization, the member must meet the following qualifications:

1. Have received the Golden State FFA Degree, have been an active member for the past three years (36 months) and have a record of satisfactory participation in the activities on the chapter and state level.
2. Have satisfactorily completed the equivalent of at least three years (540) of systematic secondary school instruction in an agricultural education program or have completed the program of agriculture education offered in the school last attended.
3. Have graduated from high school at least 12 months prior to the national convention at which the degree is to be granted.
4. Have in operation and have maintained records to substantiate an outstanding supervised agricultural experience program through which a member has exhibited comprehensive planning, managerial and financial expertise.
5. Have earned and productively invested at least \$7,500 or have earned and productively invested at least \$1,500 and worked 2,250 hours in excess of scheduled class time. Any combination of hours times (X) \$3.33 plus dollars must be equal to, or greater than the number 9,000. Hours used for the purpose of producing earnings reported as productively invested income shall not be duplicated as hours of credit to meet the minimum requirements for the degree.
6. Have a record of outstanding leadership abilities and community involvement and have achieved a high school scholastic record of a "C" or better as certified by the principal or superintendent.

Tulare FFA Constitution

Article I -Names and Purpose

Section A. The name of this organization shall be the "Tulare FFA Chapter".

Section B. The purposes for which this Chapter was formed are as follows:

1. To develop competent, aggressive rural and agricultural leadership.
2. To create and nurture a love of country life.
3. To strengthen the confidence of students of agriculture in themselves and their work.
4. To create more interest in the intelligent choice of farming and other agriculture occupations.
5. To encourage members in the development of individual farming and other programs and establishment in agriculture.
6. To encourage members to the farm and its surroundings.
7. To participate in worthy undertakings for the improvement of agriculture.
8. To develop character, train for useful citizenship, and foster patriotism.
9. To participate in cooperative effort.
10. To encourage and practice thrift.
11. To encourage improvement in scholarship.
12. To provide and encourage the development of organized recreational activities.

Article II – Organization

Section A. The Tulare Chapter of FFA is a chartered local unit of the California Association of FFA, which is chartered by the National Organization of FFA.

Section B. This Chapter accepts in full the provisions in the constitution bylaws of the California Association of FFA as well as those of the National Organization of FFA.

Article III – Membership

Section A. Membership in this chapter shall be of three kinds: Active, Alumni, and Honorary, as defined by the National FFA Constitution.

Section B. The regular work of this Chapter shall be limited to the Active Membership.

Section C. Honorary Membership in this Charter shall be limited to the Honorary Chapter Farmer Degree.

Section D. Active Members in good standing may vote on all business brought before the Chapter. An active member shall be considered in good standing when:

1. They attend 4 of the chapter meetings/activities during the year.
2. They show an interest in, and take part in the affairs of the Chapter.

3. Have all outstanding debts in financial order.
4. They are a positive representative of the FFA as perceived by the Chapter Executive Committee.
5. They are academically eligible to participate in activities according to the policy as established by the Tulare Joint Union High School Board of Trustees.

Section E. Names of applicants for membership shall be filed with the chapter Secretary.

Article IV -Emblems

Section A. The emblem of the FFA shall be the emblem for the Chapter.

Section B. Emblems used by members shall be designated by the National Organization of FFA.

Article V - Membership Degrees and Privileges

Section A. There shall be four degrees of Active Membership in this Chapter. These degrees are:
Greenhand, Chapter Farmer, State Farmer, and American Farmer

Section B. All "Greenhands" are entitled to wear the regulation bronze emblem pin, all members holding the degree of "Chapter Farmer" are entitled to wear the silver emblem pin, all members holding the "State Farmer" degree are entitled to wear the regulation gold emblem charm, and all members holding the "American Farmer" degree are entitled to wear the regulation gold emblem key.

Section C. Minimum qualifications for obtaining the four degrees of Active Memberships shall be those listed in the National FFA Constitution.

Section D. Chapter Officers shall review the qualifications of members and make recommendations to the Chapter concerning degree advancement.

Section E. To receive the FFA letter, each FFA member must meet the following minimum qualifications:

1. Been enrolled for a minimum of 2 years in agriculture/FFA
2. Show participation in 2 of the following:
 - a. 2 years showing
 - b. 2 years on a judging team
 - c. 20 hours of community service
3. Show participation in one of the following leadership activities:
 - a. 1 speech contest
 - b. Served as a chapter, sectional or regional officer.
 - c. attended 1 leadership conference
4. Have a minimum of a 3.0 G.P.A. in all agriculture courses.
5. Have an ongoing SAE.

6. Complete the necessary application for FFA letter

Article VI -Officers

Section A. The officers of the Chapter shall be as Follows: President, Vice President (Tulare Union, Tulare Western, and Mission Oak), Secretary, Treasurer, Reporter, Sentinel, Historian & Parliamentarian. The local Advisor (s) shall be the teacher (s) of agriculture in the school where the Chapter is located. The Officers shall perform the following duties:

1. The president shall preside over and conduct meetings according to accepted parliamentary procedure, call special meetings, keep members on the subject and within the time limits, appoint committees and serve on them as an ex-officio member to them, call other officers to the Chair as necessary or desirable, represent the Chapter and speak on occasions, coordinate Chapter efforts by keeping in close touch with the other officers and Advisor (s), keep Chapter Activities moving in a satisfactory matter, and represent the Chapter at the National Convention or designate a replacement.
2. The Vice President shall assist the President when needed, have charge of committee work, preside at meetings in the absence of the President be prepared to assume the duties and responsibilities of the president, and obtain end of activity reports from the committee chairpersons. Each vice president is chairmen of their own committees: Community Service, Student Development, and Chapter Development.
3. The Secretary shall prepare and read the minutes of meetings, have available for the President a list of business for each meeting, attend to official correspondences, send out and post notices, count and record rising votes when taken, prepare chapter records, keep the permanent records of the chapter, cooperate with the Treasurer in keeping accurate membership role, issue membership cards, call meetings to order in the absence of a presiding officer, read communications to the members at meetings, keep an updated point award chart with the assistance of the advisor (s), and post the meetings agenda at least 24 hours in advance of the meetings.
4. The Treasurer shall receive and act as custodian of Chapter funds, collect assessments, send in Sectional, State, and National dues, assist in preparing an annual budget, keep the financial statements of the Chapter, pay out funds as authorized, prepare financial statements and reports, build up the Chapter's financial standing, and submit in writing a financial report at each meeting.
5. The Reporter shall gather and classify Chapter news, prepare news notes and articles for publication or broadcast, contact local newspapers, send news to State or National publication, arrange for FFA participation in local radio and/or TV programs, and keep an up to date Chapter Scrapbook with the assistance of the Chapter Historian. The Reporter shall submit the Chapter scrapbook for judging at the spring Regional Meeting and shall prepare a Chapter Newsletter for publication with the assistance of the Advisor (s).

6. The Sentinel shall set up the meeting room and care for Chapter Paraphernalia and equipment, attend the door during meetings and welcome visitors, see that the meeting room is comfortable, and take charge of candidates for degree ceremonies.
7. The Historian shall develop and maintain a scrapbook of memorabilia in which to record the chapter's history, research and prepare items of significance of the chapter's history, prepare displays of chapter activities and submit stories of former members to the media, and assist the reporter in providing photography for chapter needs.
8. The Parliamentarian shall be proficient with parliamentary procedure, rule on all questions of parliamentary conduct at chapter meetings, serve as a participant or an ex-officio member of the parliamentary procedure team, conduct parliamentary procedure workshops at the chapter level, and chair or serve as ex-officio member on the conduct of meetings committee.
9. The Advisor shall supervise chapter activities year round, inform prospective students and parents about FFA, and instruct students in leadership and personal development, build school and community support for the program, encourage involvement of all chapter members in activities, and prepare students for involvement in career development events and leadership programs.

Section B. Officers of the Tulare FFA chapter shall be elected annually at the May meeting. All chapter officer applicants meeting the requirements to serve, as a chapter officer will have their names placed on the ballot. The candidates will fill out and give an application to the chapter advisor by the given deadline. The ballot will be scored and will provide 1/3 third of the total score for the election process. All candidates will go through an interview before the election meeting, which will count for another third of their overall score. Before the meeting two candidates from each school will be slated for the position of vice president of their prospective schools. The balance will be generated from the popular vote by the membership. Members in good standing will have the opportunity to vote for one candidate representing each school for the position of vice president, as well as seven other candidates for each of the chapter offices. The seven individuals receiving the highest point total (application, interview, and vote) will be elected to chapter office. The newly elected officer team will then decide their individual offices.

Section C. To be eligible to run for a Chapter Office the member must:

1. Hold the degree of Chapter Farmer.
2. The chapter officer application must be filled out and turned in prior to the given deadline, to the chapter advisor.
3. Be in good standing with the Chapter as outlined in Article III, section D of the

Tulare FFA Constitution.

4. Maintain a grade point average of 2.5 or better.

Section D. All officers' vacancies during the term shall be appointed by the chapter officers, with exception of the President whose vacancy shall be filled by the Vice President.

Section E. Any chapter officer may be impeached by a 2/3 vote of the chapter at a regularly scheduled meeting. Possible reasons for impeaching an officer include, but are not limited to: Not fulfilling duties as required by the constitution, not portraying the image of a FFA member as established by the chapter officers and constitution, losing respect of fellow chapter officers, members, advisors and/or the community.

Section F. An officer missing a meeting, leadership conference, or other responsibility must provide a written explanation one day prior to the event, except in uncontrolled circumstances or extreme emergencies.

Section G. Any officer placed on academic probation shall, in writing, resign from office at the first appropriate chapter officer executive meeting. This vacant office shall be filled according to the constitution.

Section H. Any chapter officer who desires to be a candidate from Tulare for the San Joaquin Regional FFA must:

1. Have an ongoing SAE
2. Hold a degree of Chapter farmer
3. Be in good standing with the chapter
4. Maintain a grade point average of 2.5 or better
5. Be in active member and participate in two fall or one spring judging team
6. Be involved in Parliamentary Procedure, Prepared Public Speaking, Extemporaneous Public Speaking, or Job interview

APPENDIX E

ADDITIONAL ALLOWANCES

(ALL EXTRA DUTY ASSIGNMENTS ARE ONE YEAR APPOINTMENTS BY THE BOARD OF EDUCATION)

Dollar amount of annual salaries for the following extra duty assignments shall be determined by applying factor shown to Column B, Steps 1-5 found in the Basic Salary Schedule (Appendix C). Step advancement shall be on the basis of the number of years within a particular sport or other specific assignment within the District and shall be granted on an annual basis up to the maximum of five steps in Column B. Initial step placement above Step 1 may be granted for prior comparable experience inside or outside the district as determined by the superintendent or designee. Athletics .125 Athletic Director .095 Head Football Coach .085 Head Coaches of Baseball, Softball, Basketball, Track, Wrestling, Volleyball .075 Head Coaches of Tennis, Swimming, Water Polo, Soccer, Golf, Cross Country, Varsity Assist. Football, Head JV and Freshman Football .067 JV and Freshman Assist. Coaches of Football; Assistant Coaches of Track, Wrestling, Basketball, Baseball, Softball .065 Head Coach of Diving; Assistant Coaches of Tennis, Swimming, Water Polo, Soccer, Golf, Cross Country, Volleyball Campus Supervision .052 Coordinator of Campus Supervision .043 Campus Supervision Miscellaneous Positions .110 Director of Student Activities .085 Director of Marching and Concert Band

.062 Class Advisor: Senior; Student Store Advisor 106

.057 Newspaper Advisor (**eight** issues annually); Yearbook Advisor .052 Director of Performing Chorus (at least **six** public performances per year); Play Director (at least **one fall** and **one spring** production); Pep Squad Supervisor; and Two FFA Advisors .051 Wellness Coordinator (position deleted if special drug/ alcohol/tobacco grant is unfunded) .048 Class Advisors: Freshman, Sophomore, Junior; Band Auxiliary; Director of Stage (Jazz) Band (at least **six** public performances per year); AVID Coordinator; CSF Advisor; Character Counts Coordinator; Link Crew Coordinator; Web Master (subject to continued special categorical funding and district needs) .038 Mock Trial; Academic Decathlon; Science Olympiad; Cyber Quest Advisor; Forensics; History Day Coach (must compete in county competitions and any advance levels when qualified and approved by the board of trustees) .024 Photography; FFA; FBLA; FHA/HERO Advisor



TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE
EDUCATION

T. RECRUITMENT ACTIVITIES AND MATERIALS

1. OUTLINE OF RECRUITMENT PLAN:

A. FFA Week

All elementary feeder schools are invited to bring classes to the HS Farm for FFA Week activities. These include, horseback rides, petting zoo's, story telling, tractor rides, milking demonstrations, etc... Approximately 1,500 students participate.

B. Dairy Daze

The Tulare County Dairy Wives sponsor annual Dairy Daze activities for elementary students at the HS Farm. The emphasis is on the dairy industry with demonstrations and lessons. Other agriculture areas are also presented. Over 1,000 students participate.

C. Open House

Each Spring all feeder school 8th grade classes are invited to the HS Farm for an Open House. They are given a tour of the facilities, a hot dog lunch and a short presentation by FFA Officers and Advisors.

D. Leadership Training

Each School is visited by a FFA Leadership Training Team. Members put on leadership activities for the 8th grade classes. The Ag. Program is reviewed briefly.

E. Enrollment

During Freshmen enrollment FFA members are present to counsel students and a Ag. teacher is allowed to help register/counsel students.

2. RECRUITMENT MATERIALS:

A. 8th Grade Recruitment Package

B. Agriculture Program Major Material

The High Schools

Tulare FFA is here to serve the needs of high school students from its three high schools.

- Tulare Union
- Tulare Western
- Mission Oaks

Students at all three high school are bused out to the farm everyday so that all students have the opportunity to take classes involving agriculture.

The High School Farm



The Tulare High School Farm (located on 96 acres of farmland) Our facilities are comprised of machine facilities, agriculture shops as well as the only wildlife dormitory and operated by a high school agriculture program in the United States.

- Full time milking
- 100 head of Holsteins
- Pasture of Lamb & Lambs
- 100 head of purebred Angus
- Purebred Quarter horses
- 200 head of working horses
- 2 head of sheep

- Heavy machinery and more
- Welding shop and shop
- Full time auto shop
- 1000 head of beef cattle
- 2 Combines and tractors

FFA Motto

**Learning to do
Doing to learn
Earning to live
Living to serve**



Agriculture Teachers

Teacher	Classes Taught
David Cantano	Ag 1, Livestock
Frank Martindale	Ag 3, Ag 2, Small Engines
Kevin Kuchewski	Ag 1, Ag Biology
Mike McKenna	Ag 2, Ag Welding, Ag Business
Jennifer Sosa	Ag 1, Ag Biology, Dairy Skills
Chris McKenna	Ag Mechanics, Welding
Shay Williams	Ag Biology, Theriopraxis, Vet Science




Tulare FFA

2900 S. Kings
Tulare, CA 93276
559-682-1210

Phone: 559-682-1210
Fax: 559-682-1210
Email: chris.mckenna@tulare.k12.ca.us

3 Circles of the FFA



Classroom

There are 11 classes that are offered for students to take. They are as follows:

- Ag-** for freshmen and all courses are agriculture.
- Ag-** for sophomores, juniors, and seniors for high school graduation.
- Ag-** for sophomores, juniors, and seniors for college credit.
- Ag - Mechanics-** Sophomores and up, this class teaches plumbing, electrical, woodworking, carpentry, and auto mechanics.
- Ag-** Juniors and up, this class teaches students in class of SAE, and shop assistant cutting.
- Ag - Engines-** Juniors and up, this class teaches students how to describe and troubleshoot engine engines.
- Ag - Science-** Juniors and up, students learn about animal care and medicine.
- Ag-** Juniors and up, students learn how to design.
- Ag-** Juniors and up, students learn about accounting, bills, record keeping and insurance.
- Ag-** Juniors and up, students learn about...



SAE (Supervised Agriculture Experience)

Some opportunities that are available for students to participate in are as follows:

- Showing animals
 - Pigs
 - Sheep
 - Dairy Cattle
 - Beef Cattle
 - Goats
 - Chickens
- Agriculture Mechanics projects
- Landscape Management
- Ornamental Horticulture
- Ag Communications
- Work Experience

These are business opportunities where students have the chance to learn about a project and earn some money.



FFA

Every student that takes an agriculture class automatically becomes an FFA member, so they can take advantage of the FFA and its benefits.

- Community Service activities
- Leadership conference
- Leadership roles, officers and committee members
- Donkey Round up
- FFA Meetings
- Travel
- Scholarships
- Career Development Events
 - Agriculture
 - Parliamentary Procedure
 - Land Judging
 - Dairy Judging
 - Dairy Products
 - Farm Power
 - Senior Engines
 - Specialty Animals
 - Horse Judging
 - Horse Judging

Text Box

Tulare currently does not have a scrapbook and has not had one for sometime due to the money and time involved in the project.

Agriculture Summer Work Hours Summer 2009

Agriculture Instructor _____ Chris McKenna

SAE Project _____ Sheep/Swine/Ag Welding students

Description of work to be done

- Repair Sheep pens and gates
- Paint all sheep pens
- Construct Shade structure for sheep pens
- Sheep and Swine Showmanship practices
- Visit student sheep and swine projects
- Weight hogs
- Dairy repairs

FFA Activities:

- Chapter Development Committee Meetings
- Chapter Development Sub Committee work with Chairmen
- FFA record books and SAE projects
- Ag Mechanics Team State Revision Committee Meetings

Other Activities:

- Staff meetings
- CATA State and Regional meetings
- Advisory Committee Meetings

*At the end of each month a summary form of the work done and the students that were involved will be provided to district administration.

Instructor _____ Date _____

Administrator _____ Date _____

TULARE JOINT UNION HIGH SCHOOL DISTRICT

AGRICULTURE EDUCATION SENIOR FOLLOW-UP SURVEY

Year:

1. School Graduated From (circle one): TU TW MO

2. Name (print neatly): Jacqueline

3. Street Address (print neatly): 2161 Tamarack

4. City: Tulare 5. Zip: 93274

Phone Number: (559)-302-7711

(circle one): Male Female

Years in Agriculture Program (circle one): 1 2 3 4

Expected Employment Status after Graduation (circle one): Part-time Full-T

Type of Employment (circle one): Ag Related / Non Ag Related

10. Enlisted in Military? (circle one): Yes No

11. Education Status after Graduation (circle one):

Junior College

University

Trade School

12. Will your education be: (circle one) Ag Related / Non Ag Related

13. Future Career Goals: Registered Nurse

14. Graduate's opinion of value and relevance of the Tulare Agriculture Program
(circle one of the numbers)

Outstanding

Poor

10

9

8

7

6

5

4

3

2

1

4. Graduate's suggestions for improving the instructional program:

Graduate Follow-up Report

Year=2009

CA0288 Tulare
Tulare High School Farm
591 W. Bardsley Ave.
591 W. Bardsley Ave..
Tulare, CA 93274

Printed: 5/26/2010 10:56:08 PM

Total Seniors (Year=2008):	158
Total Seniors having completed 3 or more years of Ag Instruction:	95
Program Completer Status	
Two Year College Ag Major	22
Two Year College Non-Ag Major	30
Four Year College Ag Major	17
Four Year College Non-Ag Major	11
Employed - Parttime Ag Job	1
Employed - Fulltime Ag Job	10
Employed - Fulltime Non-Ag Job	4



TULARE JOINT UNION HIGH SCHOOL DISTRICT
COMPRHENSIVE PROGARM PLAN



A. FOR A
INSTRUCTIONAL PROGRAM
IN
AGRICULTURE EDUCATION
2009-2010

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

A. JOB MARKET DESCRIPTION

Agriculture found in the State of California has been called the “most basic and singularly important” industry in the state. Agriculture Education is needed in that the trained labor force essential to maintain, expand and improve the producing, processing and marketing of food and fiber necessary to the economy of the state and nation, must be continually available.

Tulare County is situated about midway between San Francisco to the north, and Los Angeles to the south. Tulare lies near the southern end of the San Joaquin Valley, which is one of the richest agricultural areas in the world.

Tulare County Agriculture is dynamic and reflects the changing demands and tastes of consumer and export markets. The growing global market is beginning to dictate the types of products grown locally. Farmers, handlers, and ranchers continue to assess and modify the way they do business to improve both the quality and sustainability of farm products¹.

There are approximately 1.5 million acres of harvestable farmland in Tulare County, producing over 3 billion dollars in income. Tulare County produces 47 different commodities valued over 1 million dollars each year. These products are exported to 90 different foreign countries. Tulare County ranks first in the state and nation in milk production.²

Dairy processing technology (in Tulare) is growing rapidly. With great amount of production in the area, agriculture is taking an active role in the business community, from environmental services to sales and support service industries. The need for skilled labor will continue to grow rapidly here in the foreseeable future.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

B. TARGETED OCCUPATIONS

The following list is a compilation of the various agriculturally related jobs available to agriculture education students completing one of the agriculture programs in the Tulare Joint Union High School District. The lists reflect the various program offerings available and the jobs to be found in our area (Tulare County). This is not meant to be a complete list, but rather a sampling of the career opportunities available to our agriculture education students.

P.

Program Area**Job Opportunities**

Dairy Production & Management

Herdsman
A.I. Technician
Feeder
Milker
Dairy Processing Technician
Veterinarian's Aid
Farmhand Labor

Livestock Production & Management

Farm Manager
Feedlot Manager
Veterinarian's Aid
Livestock Broker
Breed Association Representative
Livestock Handler

Farm Power & Machinery

Farm Equipment Operator
Machinery Fieldman
Farm Machinery Mechanic
Outdoor Power Equipment Mechanic
Machinery Salesman
Equipment Parts Technician

Program Area**Job Opportunities**

Agriculture Welding and Construction

Welder
 Equipment Fabricator
 Equipment Engineer
 Equipment Salesman
 Maintenance Mechanic
 Assemblyperson

Nursery & Landscape Technology

Nuseryman
 Landscape Contractor
 Groundsman
 Landscape Maintenance Technician
 Greenhouse Technician
 Nursery Labor
 Landscape Labor

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

C. PROGRAM GOALS AND OBJECTIVES

The agriculture education program at Tulare Joint Union High School district is composed of a group of related instructional programs (as outlined below) designed to prepare students for occupations requiring agriculture knowledge and skills. All of these instructional programs incorporate three components: 1) Group instruction in class, laboratory or shop; 2) Individual and group participation in student leadership organizations and activities (FFA); and 3) Individual participation in a supervised agricultural experience program.

A. Plant & Soil Science

This instructional program is designed to prepare persons for employment in enterprises involved in the production of plant products associated with food, feed and fiber. Occupations served by this program are located on the farm, in sales, service and research settings.

Goals of the Agriculture Production Program:

1. To supply students with the knowledge and skill required for entry into and successful progress in those plant science related occupations that do not require education beyond the secondary school level.
2. To prepare students for post-secondary level agriculture education and training.
3. To enable students to acquire an understanding of the economic and social impact of the plant and soil science upon society and its relationship to agriculture in general.
4. To provide the agricultural production industry with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

B. Animal Science

This instructional program is designed to prepare persons for employment in enterprises involved in the production of livestock and dairy animals. Occupations served by this program are located on the farm, in sales, service, processing and research settings.

Goals of the Animal Science Program:

1. To supply students with the knowledge and skill required for entry into and successful progress in those animal science related occupations that do not require education beyond the secondary school level.
2. To prepare students for post-secondary level agriculture education and training.
3. To enable students to acquire an understanding of the economic and social impact of animal science upon society and its relationship to agriculture in general.
4. To provide the livestock and dairy production industry with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

C. Agriculture Mechanics

This instructional program is designed to prepare persons for employment in enterprises associated with any agricultural industry requiring primary mechanical competencies of the worker. Agricultural mechanics maintain and repair farm and outdoor power equipment and machinery, fabricate parts and perform welding tasks.

Goals of the Agriculture Mechanics Program:

1. To supply students with the knowledge and skill required for entry into and successful progress in those agriculture mechanics occupations that do not require education beyond the secondary school level.
2. To prepare students for post-secondary level agriculture education and training.
3. To enable students to acquire an understanding of the economic and social impact of the agricultural mechanics industry upon society and its relationship to agriculture in general.
4. To provide the agricultural mechanics industry with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

D. Agricultural Business Management

This instructional program is designed to prepare persons for employment in enterprises involved in business management associated with agricultural industries. Occupations served by this program are located on the farm, in marketing, service, management, and banking settings.

Goals of the Agricultural Business Management Program:

1. To supply students with the knowledge and skill required for entry into and successful progress in agriculture business related occupations that do not require education beyond the secondary school level.
2. To prepare students for post-secondary level agriculture education and training.
3. To enable students to acquire an understanding of the economic impact of agriculture, management and marketing systems and their relationship to local and world economies.
4. To provide agricultural business with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

E. Ornamental Horticulture

This instructional program is designed to prepare persons for employment in enterprises associated with horticulture, greenhouse operations and management, landscape construction, landscape maintenance, nursery operations and management, turf production and management, and floristry. The occupations in these industries involve a wide range of work environments.

Goals of the Ornamental Horticulture Program:

1. To supply students with the knowledge and skill required for entry into and successful progress in those ornamental horticulture occupations that do not require education beyond the secondary school level.
2. To prepare students for post-secondary level agriculture education and training.
3. To enable students to acquire an understanding of the economic and social impact of the ornamental horticulture industry upon society and its relationship to agriculture in general.
4. To provide the ornamental horticulture industry with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

F. Core Agriculture

This instructional program is designed to prepare persons for entry into the other agriculture programs and employment in enterprises associated with any agricultural industry requiring basic agricultural competencies of the worker.

Goals of the Core Agriculture Program:

1. To supply students with some of the basic agriculture knowledge and skills required for entry and common to most agriculture occupations
2. To supply students with the knowledge and understanding required to make informed career choices in agriculture and assist them to do so
3. To enable students to acquire an understanding of the economic and social impact of the agriculture industry upon society and its relationship to agriculture in general.

4. To provide the agriculture industry with appropriate numbers of persons adequately prepared for successful employment in those occupations that now exist and that are developing in the industry.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

D. PROGRAM(S) DESCRIPTION OF INCLUDED COURSES, SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM, AND LEADERSHIP DEVELOPMENT

The agriculture education program at Tulare Joint Union High School district is composed of a group of related instructional programs (as outlined below) designed to prepare students for occupations requiring agriculture knowledge and skills. All of these instructional programs incorporate three components: 1) Group instruction in class, laboratory or shop; 2) Individual and group participation in student leadership organizations and activities (FFA); and 3) Individual participation in a supervised agricultural experience program.

G. Course Descriptions

1. Agriculture Computer Management

This course is designed to train students in modern up-to-date procedures of operating computer hardware and software in the management of various agribusiness operations. The course will teach students to use modern computer hardware, while covering the three basic areas of computer operation: Word Processing, Data Base Management and Spreadsheets, as well as

2. Farm Power and Machinery

This class is taught at the high school farm for two periods daily. Students study the care and use of farm equipment commonly used in the farming, with special emphasis given to tractor maintenance and operation. Other areas of study include farm safety, small engines, outdoor power equipment, hydraulic, electrical, fuel, cooling and exhaust systems and drive trains. Repair and modification of commonly used farm equipment is also covered.

3. Introduction to Agriculture, Ag. I

Agriculture I includes the study of a wide range of agriculture areas and careers. Basic areas of study include Careers in agriculture, Future Farmers of America, Plant Science, and Animal Science. Students will be given the opportunity to explain hands on learning as it relates to skills used in Agriculture. Practical application of skills will take place at the High School Farm facilities.

4. Plant and Animal Science, Ag. II

The Plant and Animal Science course, which meets the life science graduation requirement, emphasizes a study of the structure and function of animal and plant system as they relate to agriculture. The various animal/plant systems, nutrition, disease and genetics are among taught. Emphasis is given to the importance of the environment and ecological issues.

5. Agriculture Welding and Construction

This course includes the study of both arc, oxy-acetylene, TIG and MIG welding. In arc welding, safety procedures, rod identification and stresses of metals are emphasized, plus the student develops a sufficient level of skill to pass a basic industry welding test. The Student becomes familiar with and able to weld different metals and alloys. Other skills, such as cutting, brazing, fusion welding, hard surfacing, vertical welding,

cutting thick and thin metals, are applied to actual project work, such as trailers, loading chutes, and other agricultural equipment. This course prepares the student for a job in industry for specialized work on large farming operations, or for repair and fabrication work on the home farm.

6. Agriculture Work Experience

Ag. Work Experience provides the opportunity for students to experience on-the-job experience in the world of work. Students are placed in agriculture or Agri-business jobs and must complete related instruction assignments as part of the program. The related instruction focuses on the development of proper job habits and attitude and includes individualized instruction, which is directly related to the job. School credit is given and is based on both the employer's evaluation as well as that of the work experience supervisor.

7. Agribusiness Management

ABM deals with all phases of agricultural business's found in the region. Agribusiness is a diverse field. This course is designed for the student who is interested in a career in management or wants a solid background in business, economics and, finance. The Internet, textbooks, together with simulation problems, are used to demonstrate the Agribusiness concepts commonly used in our area.

8. Dairy Production and Management

This course is designed for students who are interested in working with dairy cattle as a manager, herdsman, and dairy worker or milkier. Students will gain a knowledge of the basic skills as well as a theoretical basis as it relates to such major areas of study as herd health, nutrition, reproduction, artificial insemination, record keeping, fitting and showing, etc.

9. Livestock Production and Management

This course provides students with the opportunity to explore the various segments of the total livestock industry. Students will learn basic managerial skills involved in the raising of those breeds of sheep, swine and beef that are important to the industry. Feeding practices, basic veterinarian skills, systems of breeding and a study of the various animal systems are among the more significant areas studied.

10. Nursery and Landscape Technology

The course will provide students the opportunity to gain knowledge and understanding of the horticultural industry. Horticulture is a vital and growing industry in California, one that offers many career opportunities. Course study will include such areas as modern nursery production operations, retail sales, landscape design and construction, landscape maintenance and pest control. Students will make use of greenhouses, shade house, garden, orchard and landscape areas.

H. Supervised Agricultural Experience Program (S.A.E.P.)

1. All second year students are expected to maintain a SAE project and first year members are encouraged to start or plan one.
2. Record books are used in all classes.
3. A wide range of student projects can be found within the program, including:



Ag. Communications
Ag. Mechanics
Ag. Processing
Ag. Sales & Service
Beef Production
Dairy Production
Diversified Crop Production
Equine Science
Fiber Crop Production

Floriculture
Forage Production
Fruit & Vegetable Production
Grain Production
Landscape Maintenance
Nursery Operations
Poultry Production
Sheep Production
Swine Production

4. Each year Tulare Agriculture students apply and qualify for sectional, regional, state and national proficiency awards based on their SAE's.
5. Approximately 150 students exhibit their dairy and livestock projects at the Tulare County Fair each year.
6. Twenty to thirty Golden State Degrees and six to fifteen American FFA Degrees are awarded to Tulare Agriculture students each year based partly on their SAE projects.

I. Leadership Development

1. All Tulare Agriculture Students are members of the local, state and national FFA Organization. The FFA program is designed to foster leadership opportunities for all students.
2. Students are required through the grade process to participate in a minimum of leadership activities each school year.
3. Tulare Western and Union FFA members have the opportunity to participate in the following:
 - a) Chapter Meetings & Officer Teams
 - b) Sectional Meetings & Officer Teams
 - c) Regional Meetings & Officer Teams
 - d) State Officer Teams
 - e) Greenhand Leadership Conference
 - f) Chapter Officer Leadership Conference
 - g) State FFA Convention
 - h) National FFA Convention
 - i) Greenhand Degree
 - j) Chapter FFA Degree
 - k) Golden State FFA Degree
 - l) American FFA Degree
 - m) Proficiency Award Competition
 - n) Chapter Fundraising Events
 - o) Field Day Competitions
 - p) FFA Week Activities
 - q) FFA Banquets

r) Career Development Events:

- Agriculture Mechanics
- Agriscience Fair
- Best Informed Greenhand
- Citrus Judging
- Computer Applications
- Co-Op Quiz
- Cotton Judging
- Creed Recitation
- Dairy Cattle Judging
- Milk Quality and Dairy Foods
- Extemporaneous Public Speaking
- Farm Business Management
- Farm Power and Machinery
- Floriculture
- Job Interview
- Land Judging
- Light Horse Judging
- Livestock Judging
- Marketing Plan Competition
- Ornamental Horticulture
- Opening/Closing Ceremonies
- PCA Agri Finance
- Parliamentary Procedure and Debate
- Prepared Public Speaking
- Small Engines

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION



E. PROGRAM AND OR COURSE SUBJECT MATTER CONTENT OUTLINES

COURSE OFFERINGS:

1. Introduction to Agriculture, Ag. I
2. Plant & Animal Science Ag. II

3. Integrated Agriculture Biology
4. Agriculture Computer Management
5. Agribusiness Management
6. Agriculture Welding & Construction
7. Farm Power & Machinery
8. Livestock Production & Management
9. Dairy Production & Management
10. Nursery and Landscape Technology
11. Agriculture Work Experience

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

F. PROGRAM COMPLETION STANDARDS

In order for a student to complete a program in Agriculture Education at the Tulare Joint Union High School District, their supervised agricultural experience program (SAEP) must be related to their career goal. The student will be a member of the FFA Organization and be involved in FFA activities at the local level.

1. To complete a program the following sequences of classes are recommended:

Ag. Work Experience

Plant & Soil Science

Ag. I
Ag. II
Ag. Computer Mgmt.
Agribusiness Mgmt., or
Nursery Landscape Technology, or
Ag. Work Experience

Animal Science

Ag. I
Ag. II
Livestock
Dairy Skills, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience
Vet Science

Agricultural Mechanics

Ag. I
Ag. II
Ag. Welding & Construction, or
Advanced Welding, or
Ag Mechanics, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Small Gas Engines, or

Agricultural Business Management

Ag. I

Ag. II

Ag. Computer Mgmt.

Agribusiness Mgmt.

Ornamental Horticulture

Ag. I

Ag. II

Nursery & Landscape Technology

Ag. Welding & Construction

Small Gas Engines, or

Floral Design., or

Agribusiness Mgmt., or

Ag Mechanics

Ag. Work Experience

Core Agriculture

Ag. I

Ag. II

Livestock or Dairy

Any other Agriculture course

2. Certificates of Completion

Certificates of Completion are given to qualified students based on the standards list on each certificate.

TULARE JOINT UNION HIGH SCHOOL DISTRICT **INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION**

G. DESCRIPTION OF FACILITIES AND MAJOR EQUIPMENT

2008-2009

1. Facilities

The Tulare HS Farm is comprised of 98 acres that include teaching facilities and shops as well as the only working dairy owned and operated by a high school agriculture program in the United States. As a compliment to the program the farm has:

- 6 Large classrooms w/heating and cooling
- Computer lab with 20 networked computers
- Welding shop facilities
- Small Engines and Ag Mechanics shop
- Office & library facilities
- 70 Head of Holstein milk cows plus heifers
- Dairy facilities including corals, barns, milking barn
- Farrow to finish swine unit with room for 10 sows and 80 market hogs.
- Six crate farrowing barn.
- Covered concrete finishing barn.
- Covered show ring.
- 3-acre irrigated sheep pasture.
- 5-acre irrigated pasture for cattle
- Sheep lambing and market barn with room for 30 market lambs
- 5 Head of Suffolk ewes.
- Covered concrete livestock barn w/ large and small animal pens, working chute and scale.
- 65 Acres of irrigated open farm ground.
- 1-acre horticulture facility with arboretum, 2 greenhouses, shade house, and head house.

2. Major Equipment

- ◆ 27 Computers
- ◆ 2 Laser printers
- ◆ Copy machine
- ◆ 3 TV/VCR carts
- ◆ 25 Microscopes w/video
- ◆ Digital Camera
- ◆ 2 Smart boards
- ◆ Video Camera
- ◆ Ford 4610 tractor
- ◆ Farmall M
- ◆ 5 MIG welders
- ◆ 3 TIG welders
- ◆ 12 ARC welders
- ◆ 2 Portable welders
- ◆ 4 Drill presses
- ◆ Iron Worker
- ◆ 3 Cut-off saws
- ◆ 5 Pedestal Grinders
- ◆ Rototiller
- ◆ 14hp Hydraulic mower
- ◆ Cement mixer
- ◆ Chipper/shredder
- ◆ Portable sprayer
- ◆ Portable livestock scale & trailer
- ◆ Large animal scale

- ◆ Misc. farm implements
- ◆ 16' Tongue trailer
- ◆ 20' Gooseneck trailer
- ◆ 3- 1 Ton dually pickup trucks
- ◆ 2- ¾ ton pickup trucks
- ◆ 2 Vans

- ◆ Commercial kitchen

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

I. Staff Assignments

1. Class Schedules
2. SAE Program Advisors
3. Community Relations Representatives
4. Departmental Responsibilities
5. Farm Facility/Equipment Managers
6. FFA Chapter Duties
7. Contests, Shows, and Trip Supervision
8. Career Development Event Advisors



TULARE JOINT UNION HIGH SCHOOL DISTRICT INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

H. Five Year Facility and Equipment Acquisition Schedule

2009 2010 2011 2012 2013

Improvement to Grounds and Sights 6100

-Build Livestock Lanes	-Finish Parking Lot -Seal Driveway -Develop new building plans	-Paint Fencing -Seal Asphalt -Secure new building plans	- Start construction of new facilities
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Repair Equipment 5600

-Tractors & Equip. -	-Tractors & Equip. - -- -	-Tractors & Equip. -Dairy Equip. -Livestock Equip. -Welding Equip. -Nursery -Landscape Equip	-Tractors & Equip. -Dairy Equip. -Livestock Equip. -Welding Equip. -Nursery -Landscape Equip
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-Computer Hardware -Vehicles	-Computer Hardware -Vehicles
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New Equipment 6400

-Truck Topper -	-Parts Cleaner -Small Engines Equip.	-Livestock Scale
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Replacement of Equipment 6500

-Tank Sprayer -Torch Set -Auto Creeper -Drill Press	-3/4 Ton Pick-up -Update Computers -Laser Printer -Hand Grinder	-Lock Stanchions -Power Control Welder -10 Passenger Van -1/2" Drill
--	--	---

1. Class Schedules

Teacher/ Period	1	2	3	4	5	6
Caetano	Livestock	Ag 1	Ag 1	Ag 1	WE	Prep
Sousa	Ag 1	Ag Bio	Ag 1	Prep	Ag 1	Dairy
Mederos	Ag 1	Weld	Ag Bus	Ad Weld	Prep	Weld
Koelewyn	Ag 1	Ag Bio	Ag 1	Ag Bio	Ag 1	Ag Bio

Marinelli	Prep	Ag 2	SGE	Ag 2	SGE	Ag 1
McKenna	Weld	Ag Mech	Prep	Ag Mech	Weld	Ag Mech
Williams-Hopper	Ag Bio	Prep	Ag Bio	Vet Sci	Ag Bio	Floral

Supervised Agricultural Experience Program Advisors

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams- Hopper	McKenna
Ag. Mechanics	X				X		X
Beef Cattle			X				
SEE	X		X		X	X	
Dairy Cattle			X	X			
Goats						X	
Horse				X			
Sheep		X					
Small Animals/Poultry						X	
Swine					X	X	
Work Experience	X		X		X		

Community Relations Representatives

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Medero s	William s- Hopper	McKenna
Advanced Register			X			X	
CA Pork Producers						X	
CWA				X		X	
Dairy Replacement Com.			X	X			

DCCA			X		X		
Farm Bureau			X			X	
Farm Equip. Show	X	X	X	X	X	X	
SSJ Holstein Assoc.				X			
TC Dairy Women			X	X			
Junior Fair Board							
Antique Farm Show	X						
Young Farmers and Ranchers		X	X		X		

Departmental Responsibilities

SR=Staff Representative:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams -Hopper	McKenna
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Ag Advisory Comm.	X	X	X	X	X	X	X
CATA Conference	X	X	X	X	X	X	X
Calendar Planning			X		X		
Dept. Chairman			X				
Dept. Program Plan			X				
District Advisory			X		TU	TW	MO
District Budgets			X				
Incentive Grant			X				
Incentive Grant Review			X				
R-2 Reports			X			X	
Scholarships	X						
School Board Award			X	X	X	X	X
School Board Meeting	X	X	X	X	X	X	X
Staff Assignments	X	X	X	X	X	X	X
Staff Evaluations			X				
Staff Meetings	X	X	X	X	X	X	X
Student Directory	X	X	X	X	X	X	X
Student Follow-ups	X	X	X	X	X	X	X
Student Teachers			X				
Supporters Luncheon	X	X	X	X	X	X	X
TCOVE Reports	X	X	X	X	X	X	X
Teacher Luncheon	X	X	X	X	X	X	X
Technology Committee							
Transport. Requests			X				
Vehicle Maintenance	X	X	X	X	X	X	X
Work Experience			X				
Back To School Night	X	X	X	X	X	X	X

Farm Facility/Equipment Managers

SR= Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams -Hopper	McKenna
Classrooms	X	X	X	X	X	X	
Dairy Manager			X	X			
Farm Manager					X		
Swine Unit					X	X	
Kitchen	X	X	X	X	X	X	X
Livestock Barn			X	X			
Mechanics Shops	X				X		X
Office	X	X	X	X	X	X	X
Sheep Unit		X					X
Tractor Maintenance	X	X	X	X	X		X

FFA Chapter Duties

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams -Hopper	McKenna
Activity Charts		X					
American FFA Degree Ap's	X	X		X	X	X	
American FFA Degree Scoring	X	X		X	X	X	
Dairy Tours				X			
FFA Banquet	X	X	X	X	X	X	X
FFA Booster Committee			X		X		
FFA Meetings		X		X	X	X	X
FFA Rosters						X	X
FFA Week	X	X	X	X	X	X	X
Greenhand Initiation		X			X	X	
National Chapter Award						X	
National Convention		X	X				
Proficiency Award Ap's	X	X	X	X	X	X	X
Record Books	X	X	X	X	X	X	X
Recordbook Scoring	X	X	X	X	X	X	X
Recruitment		X	X	X	X	X	
Regional Meetings	X	X	X	X	X	X	X
Sectional Meetings	X	X	X	X	X	X	X
State FFA Degrees Ap's	X	X	X	X	X	X	X
FFA Advisor		X					
Asst. FFA Advisor		X		X	X	X	X
Farm Show	X	X	X	X	X	X	X
Deep Pit Sales	X	X	X	X	X	X	X
Pancake Breckfast	X	X	X	X	X	X	X
Donkey Basketball	X	X	X	X	X	X	X

Contests, Shows, and Trip Supervision

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams- Hopper	McKenna
T/K O/C	X	X	X	X	X	X	X
UC Davis Field Day		X	X				
Tulare Banking Contest					X		
Exeter Citrus Contest						X	
Mendota Citrus Contest						X	
CSUF Winter Finals						X	X

T/K BIG/COOP Contest		X	X				
T/K Speech Contest		X	X			X	
Greenhand Conference		X	X				
Corcoran Cotton	X						
Great Western		X	X	X	X	X	
T/K Parli Pro		X					X
Regional Speech Contest		X	X			X	
T/K Sectional Banquet	X	X	X	X	X	X	X
Farmersville Computer/BIG Contest						X	
CPSLO State Finals	X	X	X	X	X	X	
CSUF Cotton	X						
CSUF Field Day	X	X	X	X	X	X	X
Merced JC Field Day	X	X	X	X	X	X	X
Modesto JC Field Day	X	X	X	X	X	X	X
Reedley CC Field Day	X	X	X	X	X	X	X
State Convention		X	X	X	X	X	X
T/K Cotton Contest	X						
Tulare County Fair	X	X	X	X	X	X	X
Chico					X		
State Fair		X					
Madera Floral						X	
Tulare Citrus						X	
Delano Citrus						X	
Porterville Citrus						X	

Career Development Event Advisors

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams-Hopper	McKenna
Ag Mechanics							X
Best Informed Greenhand						X	
Cirtus Judging						X	
Co-Op Quiz					X		
Cotton Judging	X						
Creed Recitation		X					
Dairy Cattle		X					
Milk Quailty and Dairy Foods					X		

Extemporeaneous Public Speaking		X					
Farm Power							
Floriculture						X	
Job Interview						X	
Land Judging			X				
Light Horse Judging				X			
Marketing Plan Competition			X				
Ornamental Horticulture							
Opening/Closing Ceremonies	X	X	X	X	X	X	X
PCA Agri-Finance					X		
Parliamentary Procedure		X					X
Prepared Public Speaking			X				
Small Engines	X						
Ag Sales			X				
Ag Issues			X				
Ag Welding							X
Agri Science Fair		X		X		X	

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION



K. SCHOOL AND/OR DEPARTMENT POLICIES PERTAINING TO:

12. Student Eligibility to Participate in Out-of-Class Activities
13. Leadership Development Integration into the program
14. SOE Integration into Program

15. Other Policies

- a) Department Discipline Policy
- b) District Dress Code
- c) District Computer Use Policy
- d) Attendance and Tardy Policies
- e) Expected Schoolwide Learning Results, TUHS & TWHS

SCHOOL AND/OR DEPARTMENT POLICIES PERTAINING TO:

1. **Student Eligibility to Participate in Out-of-Class Activities**

SCHOOL AND/OR DEPARTMENT POLICIES PERTAINING TO:

2. Leadership Development Integration into the program

And

3. SOE Integration into Program

SCHOOL AND/OR DEPARTMENT POLICIES PERTAINING TO:

4. Other Policies

- a) Department Discipline Policy
- b) District Dress Code
- c) District Computer Use Policy
- d) Attendance and Tardy Policies
- e) Expected School-wide Learning Results, TUHS & TWHS

TULARE JOINT UNION HIGH SCHOOL DISTRICT **INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION**

L. PROFICIENCY STANDARDS FOR PROGRAM COMPLETERS



In order for a student to complete a program in Agriculture Education at the Tulare Joint Union High School District, their supervised agricultural experience program (SAEP) must be related to their career goal. The student will be a member of the FFA Organization and be involved in FFA activities at the local level.

1. To complete a program the following sequences of classes are recommended:

Plant & Soil Science

Ag. I
Ag. II, or
Ag Biology
Ag. Computer Mgmt.
Agribusiness Mgmt., or
Ag. Work Experience

Animal Science

Ag. I
Ag. II, or
Ag Biology

Livestock P&M

Dairy P&M, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience

Agricultural Mechanics

Ag. I
Introduction to Ag Mechanics
Ag. Welding & Construction
Farm Power and Machinery, or
Small Engines, or
Ag. Computer Mgmt., or

Agribusiness Mgmt., or
Ag. Work Experience

Agricultural Business Management

Ag. I
Ag. II, or
Ag Biology
Ag. Computer Mgmt.
Agribusiness Mgmt.

Ornamental Horticulture

Ag. I
Ag. II, or
Ag Biology
Floriculture
Ag. Welding & Construction, or
Farm Power and Machinery, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience

Core Agriculture

Ag. I
Ag. II, or
Ag Biology
Livestock or Dairy
Any other Agriculture course

2. Course Proficiency Standards

Students are evaluated in each course using the following Course Proficiency Standards:

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for
AGRICULTURE COMPUTER MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Identify the career opportunities using computers in agriculture.
- _____ Explain the importance of computers in modern agriculture operations.
- _____ Name, explain the various units of computer hardware.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify different computer systems available today.
- _____ Demonstrate skill in operating word processing software.
- _____ Demonstrate skill in coupler keyboarding.
- _____ Demonstrate a working knowledge of data base management systems software.
- _____ Have a working knowledge of modern spreadsheet software.
- _____ Apply skills in using software to manage spreadsheet software.
- _____ Demonstrate an understanding of various programs used for agriculture operations.
- _____ Create and design programs useful to specific applications.
- _____ Be able to understand and use computer networks.
- _____ Demonstrate knowledge of the Future Farmers of America, projects, record books, competition and leadership opportunities.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

G. FARM POWER & MACHINERY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge of the safety rules involved in the use of farm machinery and farm shop equipment.
- _____ Demonstrate a knowledge of the basic skills used in the general maintenance and minor repair farm tractors in each of the following areas:
- | | | |
|--------------------|------------------------------------|------------------------------|
| Cooling systems | Lubrication systems | Three-point hitch and wheels |
| Air induction | Fuel systems including carburetors | Brakes |
| Exhaust systems | Hydraulic systems | Clutch assembly |
| Electrical systems | Drive trains | |
- _____ Demonstrate proper pre-start checks with tractors, including oil level, coolant level, lubricant level, tire pressure, etc.
- _____ Demonstrate the proper adjustments to meet tractor operation needs to include seating, wheel spacing, wheel weights, checking instrument panel, etc.
- _____ Demonstrate the skills used in properly starting and stopping tractors in include:
- | | | |
|--------------------|---------------------------------|------------------------------|
| Proper ventilation | Position of shift lever-neutral | Use of crank |
| | Warming engine | Throttle and choke positions |
- Demonstrate proper highway driving practices with tractors to include safety warning devices, suitable speeds, right-of-way privileges, turning and entering/leaving main roads.**
- Identify the major parts and their functions of a gas and diesel tractor engine.**

Demonstrate the skills involved in the disassembly of a small engine, repair of the engine and it's re-assembly.

Study the importance of the FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

H. INTRODUCTION TO AGRICULTURE, AG. I

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ To identify the importance of production agriculture.
- _____ Identify the seven basic agriculture careers areas.
- _____ Identify and understand the function of the Future Farmers of America as it relates to modern agriculture, the structure, history and purpose of the Future Farmers of America and how it develops leadership skills.
- _____ Demonstrate an understanding of Supervised Occupational Experience Projects and their relationship with agriculture and agriculture careers.
- _____ Demonstrate an understanding of the California Vocational Agriculture Record Book by following actual or sample student projects.
- _____ Identify the common breeds of beef, sheep, swine, horse, dairy cattle and small animals.
- _____ Demonstrate an understanding of the terminology associated with each species of livestock.
- _____ Demonstrate an understanding of basic livestock management principles, including feeds and nutrition, care and maintenance, diseases and reproduction.
- _____ Identify the common crops grown and understands their importance to California agriculture.
- _____ Identify plants parts and explain their function for a variety of common agriculture plants.
- _____ Explain the factors involved in plant growth and general production practices.
- _____ Students will understand and perform basic tractor operations and maintenance.
- _____ Identify basic parts of common agriculture equipment.
- _____ Demonstrate proper safety techniques used in the agriculture industries and in the classroom setting.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

I. PLANT & ANIMAL SCIENCE, AG. II

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the scope of the crop production and livestock industry in the U.S.A. and the role of research in its expansion.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Identify the importance of the FFA and its relationship and importance to the Vo-Ag student.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify the ten animal body systems, their parts and functions and how they interrelate.
- _____ Develop proper nutritional plans for a variety of livestock and cattle, swine and sheep.
- _____ Identify the major diseases associated with cattle, swine and sheep, including the symptoms, treatment and prevention's of such diseases.
- _____ Explain Mendel's principle of inheritance as it relates to the transfer of genes from generation to generation.
- _____ Explain how genetic transfer relates to sex determination and abnormalities.
- _____ Explain the various systems of breeding cattle, swine and sheep (natural and artificial).
- _____ Identify the parts and explain their functions of a variety of common agriculture plants.
- _____ Explain the classification system, including the use of keys to identify plants.
- _____ Identify the major local crops and plants and explain the factors involved in their growth and production.
- _____ Demonstrate an understanding of the vital role that ecological balance plays in the plant and animal world.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

J. AGRICULTURE WELDING & CONSTRUCTION

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge (review) of all four positions and essentials in arc and acetylene welding.
- _____ Know the four essentials in arc welding (angle, heat, speed, and distance).
- _____ Be able to master the flat and out of position welds.
- _____ Learn the basic operation of the various types of gas and arc welding, drill presses, cut-off saws and the ironworker.
- _____ Demonstrate the safety features in the welding process.
- _____ Demonstrate the proper use of the cutting torch.
- _____ Master the basic positions in Acetylene welding with steel and brass rod.
- _____ Explain and demonstrate what and how to braze.
- _____ Identify and demonstrate the various types of machines in Oxy-Acetylene welding.
- _____ Accurately read shop drawings.
- _____ Demonstrate a knowledge of the general safety rules and procedures, including welding and cutting equipment safely.
- _____ Demonstrate a knowledge (review) of manipulative skills (angle, material deposit motion) in brazing, hard surfacing, cutting mild steel and aluminum welding.
- _____ Demonstrate proper usage of the cut-off saw, drill press, cutting torch, iron worker, grinders and arc and gas welders in the process of constructing major projects.
- _____ Students will apply the above welding, associating skills through building of assigned metal projects, such as cotton and cow trailers, utility trailers, abrasive saws, loading chutes, and other agricultural equipment.
- _____ Exhibit a knowledge of welding codes and symbols.
- _____ Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

K. AGRICULTURE WORK EXPERIENCE

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Develop a knowledge of the FFA organization, projects, competitions and leadership opportunities.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on a actual; project or a sample project.
- _____ Develop skills needed for a job interview.
- _____ Develop skills needed for filing out job applications.
- _____ Understand employee, employer relationships, such as respect for property, following directions, workplace productivity, etc.
- _____ Be able to meet dress code standards of a job.
- _____ Accept responsibility for proper conduct on the job.
- _____ Understand the different types of insurance and/or welfare programs to include disability, health, retirement, social security, unemployment and welfare
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Develop proper techniques in making change, figuring sales tax, etc.
- _____ Develop skills, with the assistance from the teacher and employer, related to the specific to the specific job assignment.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

L. AGRIBUSINESS

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize and understand the various Ag. related business and how they pertain to agriculture in Tulare county.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Arrange for a speaker from an Ag. Business area of the student's choice.
- _____ Demonstrate record keeping and management skills through keeping a FFA record book.
- _____ Demonstrate his/her ability to give an up-to-date agricultural report.
- _____ Be able to write a term paper on an up-to-date agriculture topic and a farm management problem.
- _____ Will demonstrate a knowledge of the history, financing and operation of our local county fair.
- _____ Understands the functions of the four basic types of agriculture cooperatives.
- _____ Demonstrate the ability to analyze the development of a farming land enterprise, taking into consideration water needs, financing, equipment costs, leveling/fertilizer, etc., building and crops.
- _____ Identify the importance of the FFA and the relationship and importance to the Vo-Ag student.
- _____ Identify and understand the major steps in the financing of an agriculture enterprise.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

M. DAIRY PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the scope of the dairy industry in the United States, California and Tulare County.
 - _____ Consider careers in the dairy industry and to make realistic decisions about such careers.
 - _____ Identify the importance of the FFA and it's relationship and importance to the Vo-Ag student.
 - _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
 - _____ Demonstrate proper fitting and showing techniques of dairy cattle.
 - _____ Identify the major diseases of dairy cattle, including the symptoms, treatment and prevention of such diseases.
 - _____ Demonstrate an understanding of the importance of controlling mastitis in dairy cattle and it's economic importance.
 - _____ Explain "functional type" and how it relates to improving dairy cattle.
 - _____ Demonstrate proper mating of dairy cattle using genetic mating service or AAA.
 - _____ Explain the importance of dairy cattle records and their relationship to increased profits.
 - _____ Demonstrate an understanding of computers and their application in dairy records.
 - _____ Demonstrate proper milking procedure and explain it's relationship to increased production and decreased incidence of mastitis.
 - _____ Develop proper and economical rations for dairy cattle.
 - _____ Explain the importance or reproductive efficiency in dairy cattle and factor that effect reproductive efficiency.
 - _____ Demonstrate proper techniques of semen handling and artificial insemination.
 - _____ Explain a proper calf and heifer raising program and how this program relates to having heifers freshen at 24-30 months of age.
 - _____ Explain the different types of dairy cattle housing and milking barns with their advantages and disadvantages.
 - _____ Demonstrate safe and proper working habits as they relate to working with dairy cattle.
 - _____ Demonstrate a practical knowledge of the following dairy operations:
- | | | |
|---------------------|--------------------------------------|-------------------------------|
| Artificial breeding | Apply magnet | Painting |
| Vaccinating | Administering drugs and pills | Welding |
| Dehorning | Reading thermometer and taking temp. | Proper care of vet. Equipment |
| Tattooing | | Remove extra teats |
| Castration | Making rope halters | Diagnose and treat disease |
| Clipping cows udder | Fence repair | Branding methods |
| Trim feet | Pen scraping and manure disposal | |

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

N. LIVESTOCK PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ The student will be able to identify those breeds of livestock (sheep, swine and beef) that are important to the industry.
- _____ Students will demonstrate a knowledge of the following skills as they relate to the livestock industry:

Castrating	Vaccinating	Judging and selecting
Docking	Clipping needle teeth	Fitting and showing
Dehorning	Ear notching	
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual project or a sample project.

- _____ **Understand the importance of FFA and its relationship and importance to the Vo-Ag student.**

- _____ **The student will be able to relate the importance of the livestock industry to the rest of the agricultural spectrum.**
- _____ The student will be able to identify and properly formulate those feed stuffs for the rearing of cattle, swine and sheep.
- _____ The student will be able to identify the digestive system of a ruminant (cattle) and a monogastric (swine) and explain how they function.

- _____ **Students will demonstrate proper feeding practices with livestock including:**
 - Amount to feed daily
 - Rate of grain
 - Cost per pound of grain
 - Mixing ration
 - Water importance

- _____ Students will be able to identify the major diseases of beef, sheep and swine, including the symptoms, treatment and prevention of such diseases.
- _____ Students will demonstrate knowledge of the following skills as they relate to the meat industry:
 - ◆ To identify those cuts of meat that are in demand by the consumer
 - ◆ To be able to select a desirable carcass from each of the species of the livestock breeds (sheep, swine and beef cattle)
 - ◆ To apply the federal grading system to meats
- _____ Explain the various systems of breeding beef cattle, sheep and swine (artificial and natural).
- _____ **Identify the anatomy involved and explain the physiology of the reproductive tract for beef, swine and sheep.**
- _____ **Students will demonstrate safe and proper techniques in working with livestock.**

Tulare Joint Union High School District
Agriculture Department

PROFICIENCY STANDARDS

for

O. NURSERY & LANDSCAPE TECHNOLOGY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize the nursery field as a career choice within the agricultural sciences.
- _____ Identify, name and describe uses and the culture of common horticultural crops.
- _____ Identify the main plant parts and describe their functions (roots, stem, leaves, etc.)
- _____ Explain the effects of plant nutrients and fertilizers on plants and identify common commercial fertilizers (nitrogen, phosphorous, calcium, lime, etc.).
- _____ Develop a knowledge of the properties of soil and soil amendments, their relationships to man and plants (texture, tilth, organic matter, etc.).
- _____ Recognize common horticultural pests, damage caused and means of control (insects, weeds, disease).
- _____ Understand the relationship between horticultural crops and the environment and how each may be controlled.
- _____ Demonstrate those skills used in modern plant propagation and production (budding, grafting, cuttings).
- _____ Be able to explain the importance of and demonstrate skills in horticultural crop maintenance (irrigation, fertilization, pruning, pest control, etc.).
- _____ Be proficient in skills relevant to nursery production and management (soil mixing, transplanting, crop selection, maintenance, etc.).
- _____ Demonstrate skills and practices used in the turfgrass industry (lawn installation, equipment operation).
- _____ Be able to demonstrate those techniques and tools concerning the landscape industry (site preparation, installation, construction, bidding, etc.).
- _____ Be able to use skills and techniques, which are part of landscape design (drafting tools, layout, design theories, and proper plant use).
- _____ Demonstrate those safety practices, which are vital to the horticultural industry, including safe use of equipment, tools and pesticides.
- _____ Have knowledge of the Future Farmers of America organization, projects, competition, and leadership opportunities.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION
M. TEACHER DATA SHEET

Teacher & Address	Phone Number P.	Email Address	Date of Birth	Years of Service	Years with TJUHSD	Colleges Attended	Degrees	Units	Credentials
David Caetano 16709B Ave 264 Visalia CA 93277	594-4803	david.caetano@tulare.k12.ca.us	5-24-56	30	30	Reedley JC CSU Fresno	AA BS		CLAD Completion Life Single Subject- Life Ag Specialist
Kevin Koelewyn 7929 13 th Ave Hanford CA 93230	585-0338	kevin.koelewyn@tulare.k12.ca.us	3-26-66	20	13	COS CSU Fresno	AA BS		CLAD Completion Clear Single Subject- Clear Ag Specialist
Frank Marinelli 5528 West Mary Ave. Visalia Ca. 93277	732-8258	frank.marinelli@tulare.k12.ca.us	5/20/59	25	25	Shasta JC Cal Poly, San Luis Obispo	AA BS MS		CLAD Completion Clear Single Subject- Clear Ag Specialist
Chris McKenna 1380 Roosevelt Kingsburg, CA 93631	419-9217	chris.mckenna@tulare.k12.ca.us	3/20/85	2	2	CSU Fresno	BS		CLAD Completion Preliminary Single Subject- Clear Ag Specialist
Michael Mederos 2584 Azalea Tulare, CA 93274	686-8302	mike.mederos@tulare.k12.ca.us	12/18/74	10	3	College of the Sequoias Cal Poly, San Luis Obispo	BS MS		CLAD Completion Clear Single Subject- Clear Ag Specialist
Jennifer Sousa	684-8275	jennifer.sou	8/1/73	12	2	College of the	BS		Preliminary

7609 Road 80 Tulare, CA 93274		usa@ tulare.12.c a.us				Sequoias Cal Poly, San Luis Obispo CSU Fresno CSU Chico	MS		Designated Single Subject- g
Shay Williams- Hopper PO Box 265 Evanhoe, CA 93235	798-8006	shay.willia ms@ tulare.k12 .ca.us	5/24/80	6	6	CSU Fresno Cal Poly, San Luis Obispo	BS MS		CLAD Completer Clear Single Subject Ag Clear Ag Specialist

TULARE JOINT UNION HIGH SCHOOL DISTRICT

INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

N. AGRICULTURE ADVISORY COMMITTEE

Tulare Joint Union High School District

426 North Blackstone, Tulare, CA 93274
(559) 688-2021 FAX: (559) 687-7317

Board of Trustees

Frank Fernandes, School Board Member Adrian Holguin, School Board Member
Craig Hamilton, School Board Member
Steven Lessley, School Board Member
Cathy Mederos, School Board Member

Administration

Howard Berger, *Superintendent*
Judy Coble, *Asst. Superintendent*
Tony Rodriquez, *Asst. Superintendent*

Tulare Union HS

Michelle Nunley, *Principal*
755 E. Tulare Avenue, Tulare, CA 93274
(559) 686-4761

Mission Oak High School

Isidro Carrasco, *Principal*
426 N. Blackstone Ave
Tulare, CA 93274
(559) 688-2021

Tulare Western HS

Lucy Van Scyoc, *Principal*
824 West Maple Avenue, Tulare, CA 93274
(559) 686-8751

Tulare HS Agriculture Department Instructors:

591 West Bardsley, Tulare, CA 93274
Mailing Address: 426 North Blackstone, Tulare, CA 93274
(559) 687-7390 FAX: (559) 687-7393

Dave Caetano, Department Chair, Dairy Manager
 Kevin Koelewyn, FFA Advisor
 Michael Mederos, Farm Manager
 Shay Williams, Advisor- Student Development Committee
 Chris McKenna, Advisor- Chapter Development Committee
 Jennifer Sousa, Advisor- Community Service Committee
 Frank Marinelli, Advisor-

Advisory Committee Members:

Charlie Pitigliano, Chair

Owner, Pitigliano Farms
 PO Box 9
 Tipton, CA 93272
 (559) 752-4319
 Email: pitiglianofarm@aol.com
 Cell 284-6797
 Term Expires: June 2012

Butch Gist, Vice-Chair

Owner, Gist Farms
 4375 N. West St.
 Tulare, CA 93274
 Cell: (559) 967-8220
 Email: gistfarmsinc@yahoo.com
 Term Expires: June 2010

Dave Sharp, Secretary

Stife-Nicolaus
 217 E. Caldwell
 Visalia, CA 93277
 (559) 622-1040
 Email:
 Term Expires: June 2012

Barton Smith

Farmer (Row and Field Crop)
 22708 Road 60
 Tulare, CA 93274
 (559) 686-0766
 Email:
 Term Expires: June 2011

Joey Airoso

Owner, Airoso Dairy
 PO Box 1087
 Tipton, CA 93272
 (559) 967-5258
 Email: apanamajoe@aol.com
 Term Expires: June 2010

Lori Cardoza

Partner/Operator, Sousa Farms
 8410 Ave. 184
 Tulare, CA 93274

(559) 799-3593
 Email: loricardoza@msn.com
 Term Expires: June 2011

Scot Hillman

Chairman, J.D. Heiskell and Co.
 116 West Cedar
 Tulare, CA 93274
 (559) 685-6100
 Cell 679-4474
 Email: shillman@heiskell.com
 Term Expires: June 2010

Mike Lewis

Nunes Hog Ranch
 18740 Road 42
 Tulare, CA 93274
 (559) 686-3890
 Cell 707-7444
 Email:
 Term Expires: June 2012

Brian Potter

Quality Machinery
 3820 South K
 Tulare, CA 93274
 (559) 686-1579
 Cell Phone: 707-1601
 Term Expires: June 2011

Joey Fernandes

22601 Rd 148
 Tulare, CA 93274
 (559) 688-1842
 Cell: (559) 280-1850
 Email:
 Term Expires: June 2012

Elizabeth Thornburg

UC Davis- Vet Lab
 18830 Road 112
 Tulare, CA 93274
 (559) 688-1731
 Email:
 Term Expires: June 2011

George Tristao

Owner, Mid Valley Pipe and Supply
PO Box 2023
Tulare, CA 93274
(559) 358-6541
Email: george@midvalleypipe.com
Term Expires: June 2012

Kris Costa

College of the Sequoias, Agriculture Director
915 S. Mooney Blvd.
Visalia, CA 93277
(559) 730-3985
(559) 903-0076
Email: krisc@cos.edu
Term Expires: June 2010

Dr. Richard Heers

Owner, Cross Street Vet
400 E Cross Ave
Tulare, CA 93274
(559) 280-4805 cell
Email: rgheers@hotmail.com
Term Expires: June 2011

Tina Macedo

Owner, Macedo Engineering
4001 South K St.
Tulare, Ca 93274
(559) 688-7688
(559) 901-7082
Email: tina@tularesalesyard.com
Term Expires: June 2012

David Macedo

Owner President, Tulare Sales Yard
4013 So. K St.
Tulare, Ca. 93274
(559) 688-7569
(559) 901-7081
Term Expires: June 2010

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

P. CURRENT YEARS BUDGET

	Allocation
AG. INCENTIVE:	
A.I. INSTRUCTIONAL SUPPLY - 4000	6,679.00
A.I. TRAVEL - 5000	2,000.00
A.I. REPAIRS - 5600	0.00
A.I. SITES - 6100	7,979.00
A.I. BUILDINGS - 6200	800.00
A.I. NEW EQUIP. - 6400	460.00
A.I. REPLACEMENT OF EQUIP. - 6500	6,030.00
A.I. TOTAL	23,948.00
VEA:	
VEA INSTRUCTIONAL SUPPLY - 4000	0.00
VEA TRAVEL - 5000	0.00
VEA REPAIRS - 5600	10,000.00
VEA SITES - 6100	0.00
VEA BUILDINGS - 6200	0.00
VEA NEW EQUIP. - 6400	0.00
REPLACEMENT EQUIP. - 6500	10,700.00
UNDESIGNATED	3,248.00
VEA TOTAL	23,948.00
Q. TCOVE	3,880.00
DISTRICT SUPPLY - 4310	3,600.00
GRAND TOTAL	55,376.00

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE
EDUCATION



S. ACTIVE PLACEMENT SITES

Jim Sousa Milk Testing

Jim Sousa - 687-0456
14073 Jan Court
Tulare CA 93274

Tulare Small Engines

Fred & Pam Brown - 688-2505
956 North J Street
Tulare CA 93274

Manual Martin Jr. Dairy

Manual Martin Jr. - 752-4481
14861 Ave 144
Tipton CA 93272

Morais Feedlot

Jorge Morais - 280-3436
19257 Rd 124
Tulare CA 93274

System One Filtration

Steve Faria - 687-1955
Leonard Noll Dr.
Tulare CA 93274

Fagundes Cattle & Farming

Stephen Fagundes - 686-9674
3860 Ave 232
Tulare CA 93274

Irigaray Dairy

Linda Irigaray - 688-7946
14229 Ave 228
Tulare CA 93274

Deniz Livestock

Frank Deniz - 804-5336
1001 Alameda
Tulare CA 93274

Papa Joe's

Henry Vargas - 686-5472
2150 Stevenson Ct.
Tulare CA 93274

Jordan & Son Farming

Lena Jordan - 686-3466, 3492
2171 Ave 192
Waukena CA 93282



TULARE JOINT UNION HIGH SCHOOL DISTRICT **INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION**

U. RECRUITMENT ACTIVITIES AND MATERIALS

3. OUTLINE OF RECRUITMENT PLAN:

A. FFA Week

All elementary feeder schools are invited to bring classes to the HS Farm for FFA Week activities. These include, horseback rides, petting zoo's, story telling, tractor rides, milking demonstrations, etc... Approximately 1,500 students participate.

B. Dairy Daze

The Tulare County Dairy Wives sponsor annual Dairy Daze activities for elementary students at the HS Farm. The emphasis is on the dairy industry with demonstrations and lessons. Other agriculture areas are also presented. Over 1,000 students participate.

D. Open House

Each Spring all feeder school 8th grade classes are invited to the HS Farm for an Open House. They are given a tour of the facilities, a hot dog lunch and a short presentation by FFA Officers and Advisors.

D. Leadership Training

Each School is visited by a FFA Leadership Training Team. Members put on leadership activities for the 8th grade classes. The Ag. Program is reviewed briefly.

E. Enrollment

During Freshmen enrollment FFA members are present to counsel students and a Ag. teacher is allowed to help register/counsel students.

4. RECRUITMENT MATERIALS:

C. 8th Grade Recruitment Package

D. Agriculture Program Major Material



**Tulare Joint Union High School District
Agriculture Department
591 W. Bardsley
Tulare, CA 93274
(559) 687-7390**

Minutes of the Agriculture Advisory Committee Meeting August 31st, 2009

Members Presents:

Brian Potter	Butch Gist	Joey Fernandes
Lori Cardoza	David Sharp	Charlie Pitigliano
Tina Macedo	Kris Costa	Barton Smith
Renee Thornburg	Dick Heers	

Others Present:

Dave Caetano- Agriculture Department Chair
Kevin Koelewyn- FFA Advisor
Michael Mederos-Farm Manager, Instructor
Frank Marinelli- Teacher
Jennifer Sousa- Teacher
Chris McKenna- Teacher
Judy Coble- Asst. Superintendent
Frank Fernandes- Board of Trustee
Craig Hamilton- Board of Trustee

Barton Smith called meeting to order at 5:00pm.

- I. Welcome- Barton Smith welcomed and thanked all of those in attendance for taking the time to attend the meeting.**
- II. Barton Smith asked for each person in attendance to go around the room and introduce themselves.**
- III. There were no minutes to approve.**
- IV. Barton Smith gave an historical perspective on the Tulare High School Agriculture Program, based on his involvement on the Advisory Committee. He concluded by announcing it was time for someone else to take the leadership position on the committee. He opened up nominations for Chair, Vice Chair and Secretary of the Advisory Committee.
Dick Heers nominated Charlie Pitigliano for the Chair position.
A motion to accept and close nominations for Chair was made by Dave Sharp, seconded by Butch Gist, voice vote was unanimous.
Congratulations Charlie
Dick Heers nominated Butch Gist for the Vice Chair position**

A motion to accept and close nominations for Vice Chair was made by Charlie Pitigliano, seconded by Mike Lewis, voice vote was unanimous. Congratulations Butch.

Dick Heers nominated Dave Sharp for the Secretary position.

A motion to accept and close nominations for Chair was made by Charlie Pitigliano, seconded by Mike Lewis, voice vote was unanimous.

Congratulations Dave.

Barton Smith congratulated the new officer team on the committee and turned over the meeting to the new chair of the committee, Charlie Pitigliano.

- V. Charlie open up for discussion, creating an "Executive Council" of the Advisory Committee. Charlie explained the need for a smaller committee to meet when there are issues and emergencies, to help guide and provide direction for the program and staff. Dave Caetano agreed with Charlie and added some benefits to the creation of this council. After further discussion, it was decided that the 3 officers would sit on this council along with Dick Heers and Lori Cardoza when needs arise.
- VI. Dave Caetano stated that it was important the committee needed to meet on a regular basis, not only when there was a crisis, but to actually conduct business, such as curriculum approval and other duties of the committee. Dave and the committee set the next meeting date for November 2nd, 2009 @ 5:00pm.
- VII. Dairy Report- Dave Caetano gave an overview of new developments with the dairy. Some items to note were that the Dairy was in the process of changing feeding systems to a more cost effective system that provided more options to make the ration cheaper at times. The Dairy is now partnered with the Veterinarians at the UC Davis Vet research center. The Vets and their students are coming out every other Wednesday to do vet checks, vaccinations and other herd health procedures with little to no cost to the dairy. Dave also announced that the district just hired David Martins to be the new Herd Manager. He would be starting on September 1st.
 Farm Report- Mike Mederos gave an overview of the Farming Operations of the High School Farm along with the financial standing from the previous fiscal year. Mederos referred to a report that was prepared for the High School Board. Some items to note were as follows: During the Dairy Remodel campaign, nearly \$400, 00.00 worth of equipment, heifers and improvements were given to the Dairy and Farm. With accounting for inventory on hand, the dairy lost about \$20,000.00 last year, with the farm making \$20,000.00, which basically canceled each other out, to make the operation balance itself out. Mike also gave the committee the production records to this point on the alfalfa


- VIII. Mike Mederos had the committee refer to the list provided in the Farm Report that had the donations itemized with the amount and by whom made the donation. He requested that the committee review it for accuracy and bring any discrepancies to his attention as soon as possible.**
- IX. Department Report-**
- 1) Dave Caetano informed the committee of the challenges facing the program right now.**
 - i. Challenges-Most notably was the fact that classes were so full that the program would be losing funding for class size on 4 of teachers. He added that he was informed over 80 freshmen were not admitted to the program because of the overcrowding. Dave also mentioned the need to review the courses for relevance and curriculum would need to be done in the immediate future.**
 - ii. Kris Costa announced that the College of the Sequoias Agriculture Program and Board of Trustees would be making a presentation to the Tulare Joint Union High School District Board of Trustees at the September 3rd meeting. The presentation would outline the progress made on the completion of the Tulare Campus and possibility of future partnerships with the Tulare Joint Union High School District.**
 - iii. Caetano gave the committee a handout summarizing the staffs summer hours and discussed the numerous hours worked above and beyond the staffs' contractual obligation.**
 - iv. Caetano closed this portion of the agenda by announcing that in order to meet the needs of the program, the Agriculture Department would be purchasing a new truck within the next two months.**
- X. District Negotiations Report- Dave Caetano reminded the committee of the fiasco of last year's CTA union negotiations with the district which reduced Jennifer Sousa's summer contract. He gave examples of how the program and staff have been trying to become a part of the system to ensure future problems do not occur. In fact, Shay Williams was missing this meeting because she was part of the Negotiation team for the union which also had a meeting right now. Dave informed the committee that once again the district has chosen to bring the summer contract in for negotiations, this time by changing the wording of the contract. Dave questioned that why would the Ag department staff's summer contract is such a critical issue during these difficult economic times. Judy Coble stated that she did not know why, but would find out from Howard as to the reason. Craig Hamilton directed the Agriculture staff to set up a meeting with Howard to discuss this issue, noting that this was a valid question. Craig also stated that he would find out for himself and respond to the Advisory committee.**

Dave Sharp asked Dave if any hours had been pulled from the Ag department staff.

Chris McKenna and Kevin Koelewyn explained that they had about 8 hours, each, pulled from their summer because they were making repairs to the sheep barn and there were no students there during that time. Kevin explained that it was a time sensitive issue, that there was no time to find students. It was something that needed to get fixed right then and there. Kevin also explained that there are duties and responsibilities associated with supervising student projects that do not require students being present, but they were vital to successful project supervision. Dave Caetano stated that he would contact Howard and request a meeting to discuss this issue, as directed by Craig Hamilton.

- XI. Charlie Pitigliano reminded all present about the next Advisory Committee meeting scheduled for November 2nd and adjourned the meeting at 6:40pm

Respectfully Submitted,



Michael Mederos, Teacher
Agriculture Department
Tulare High School



Tulare High School Agriculture

Tulare FFA

591 West Bardsley
Tulare, CA 93274
(559) 687-7390

Department Meeting Minutes

April 27, 2010

Members Present: Dave Caetano, Mike Mederos, Shay Williams, Frank Marinelli, Chris McKenna, Kevin Koelewyn, Jennifer Sousa, FSU Student Teacher Erin Hanger

- 1) Upcoming Events- State Finals are this Saturday at Cal Poly University, San Luis Obispo.
- 2) State Finals- State Finals are Saturday, May 1, 2010 at Cal Poly, San Luis Obispo, and five vans will be used to transport the teams to the competition. Dave sent the list of team competitors to all the staff, as corrections in names may need to be made at the State Finals.
- 3) Awards- Shay needs from every teacher a list of students who are deserving of senior advisor awards. She needs the names by Friday, May 7. Shay also brought forward the idea, along with Kevin, that in addition to recognizing the top senior and top Greenhand, the top sophomore and junior need to be recognized for their achievements as well. Hopefully this would inspire all students to strive for their best. Teachers were also reminded that flyers were put in their mailbox to remind students about the poster committee and awards committee meetings.
- 4) Class Numbers- Dave provided the teachers with a projection of class numbers and class sections for the next school year. The biggest changes in the schedule for next year are the number of freshman students, and the Ag Biology classes. It is a possibility that one or two Agriculture One classes may have to be reduced. Chris will be taking over the horticulture unit next year, and will possibly be teaching an Ornamental Horticulture class. There was discussion as to whether or not freshman students who are not passing their Agriculture One classes should be kept out of the agriculture program. Dave asked from every teacher a list of freshman and sophomores who are failing their classes.
- 5) Sectional CATA Meeting- The Sectional CATA Meeting is scheduled for Wednesday, May 5 in Hanford. Six of the staff and the student teacher will be attending the meeting.
- 6) TCOVE- If teachers have any TCOVE money that they have to spend, they need to spend that money soon so that the account can be closed out.
- 7) Other Items:
 - i. The negotiation elections have been postponed, and Mike mentioned pay cuts, and a possibly reduced school year.

STUDENT PROGRAM PLANNING FORM

Planned course of study to meet occupational goal. By school year, list all classes previously taken, currently taking, and planned to be taken in the future.

FRESHMAN YEAR		SOPHOMORE YEAR		JUNIOR YEAR		SENIOR YEAR	
School Year	2008	School Year	2009	School Year	2010	School Year	2011
Course		Course		Course		Course	
Ag 1		Ag Mechanics		Ag welding		Adv. Ag Welding	
		Ag Biology		Ag small engines			

M. Supervised Agricultural Experience Plan (Project Program should be related to career goal).

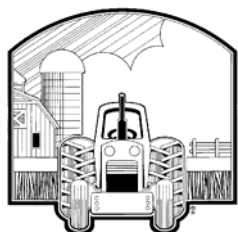
S.A.E	Size	S.A.E	Size	S.A.E	Size	S.A.E	Size
Sheep		Sheep		Sheep		Replacement Heifer	
				Replacement Heifer		West Coast	

N. Planned Department Activity (FFA)

S.A.E	Size	S.A.E	Size	S.A.E	Size	S.A.E	Size
Fresno State Field day		Donkey Basketball		Donkey Basketball		Cal Poly State Final	
				Cal Poly State Final			

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

L. PROFICIENCY STANDARDS FOR PROGRAM COMPLETERS



In order for a student to complete a program in Agriculture Education at the Tulare Joint Union High School District, their supervised agricultural experience program (SAEP) must be related to their career goal. The student will be a member of the FFA Organization and be involved in FFA activities at the local level.

1. To complete a program the following sequences of classes are recommended:

Plant & Soil Science

Ag. I
 Ag. II, or
 Ag Biology
 Ag. Computer Mgmt.
 Agribusiness Mgmt., or
 Ag. Work Experience

Animal Science

Ag. I
 Ag. II, or
 Ag Biology
 Livestock P&M
 Dairy P&M, or
 Ag. Computer Mgmt., or
 Agribusiness Mgmt., or
 Ag. Work Experience

Agricultural Mechanics

Ag. I
 Introduction to Ag Mechanics
 Ag. Welding & Construction
 Farm Power and Machinery, or
 Small Engines, or
 Ag. Computer Mgmt., or
 Agribusiness Mgmt., or
 Ag. Work Experience

Agricultural Business Management

Ag. I

Ag. II, or

Ag Biology

Ag. Computer Mgmt.

Agribusiness Mgmt.

Ag. Welding & Construction, or

Farm Power and Machinery, or

Ag. Computer Mgmt., or

Agribusiness Mgmt., or

Ag. Work Experience

Ornamental Horticulture

Ag. I

Ag. II, or

Ag Biology

Floriculture

Core Agriculture

Ag. I

Ag. II, or

Ag Biology

Livestock or Dairy

Any other Agriculture course

2. Course Proficiency Standards

Students are evaluated in each course using the following Course Proficiency Standards:

Tulare Joint Union High School District
Agriculture Department

PROFICIENCY STANDARDS

for

AGRICULTURE COMPUTER MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Identify the career opportunities using computers in agriculture.
- _____ Explain the importance of computers in modern agriculture operations.
- _____ Name, explain the various units of computer hardware.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify different computer systems available today.
- _____ Demonstrate skill in operating word processing software.
- _____ Demonstrate skill in coupler keyboarding.
- _____ Demonstrate a working knowledge of data base management systems software.
- _____ Have a working knowledge of modern spreadsheet software.
- _____ Apply skills in using software to manage spreadsheet software.
- _____ Demonstrate an understanding of various programs used for agriculture operations.
- _____ Create and design programs useful to specific applications.
- _____ Be able to understand and use computer networks.
- _____ Demonstrate knowledge of the Future Farmers of America, projects, record books, competition and leadership opportunities.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

R. FARM POWER & MACHINERY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
3 – Moderately skilled or can perform with limited help
2 – Limited skill, requires instruction and close supervision
1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge of the safety rules involved in the use of farm machinery and farm shop equipment.
- _____ Demonstrate a knowledge of the basic skills used in the general maintenance and minor repair farm tractors in each of the following areas:
- | | | |
|--------------------|------------------------------------|------------------------------|
| Cooling systems | Lubrication systems | Three-point hitch and wheels |
| Air induction | Fuel systems including carburetors | Brakes |
| Exhaust systems | Hydraulic systems | Clutch assembly |
| Electrical systems | Drive trains | |
- _____ Demonstrate proper pre-start checks with tractors, including oil level, coolant level, lubricant level, tire pressure, etc.
- _____ Demonstrate the proper adjustments to meet tractor operation needs to include seating, wheel spacing, wheel weights, checking instrument panel, etc.
- _____ Demonstrate the skills used in properly starting and stopping tractors in include:
- | | | |
|--------------------|---------------------------------|------------------------------|
| Proper ventilation | Position of shift lever-neutral | Use of crank |
| | Warming engine | Throttle and choke positions |
- Demonstrate proper highway driving practices with tractors to include safety warning devices, suitable speeds, right-of-way privileges, turning and entering/leaving main roads.**
- Identify the major parts and their functions of a gas and diesel tractor engine.**

Demonstrate the skills involved in the disassembly of a small engine, repair of the engine and it's re-assembly.

Study the importance of the FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

S. INTRODUCTION TO AGRICULTURE, AG. I

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ To identify the importance of production agriculture.
- _____ Identify the seven basic agriculture careers areas.
- _____ Identify and understand the function of the Future Farmers of America as it relates to modern agriculture, the structure, history and purpose of the Future Farmers of America and how it develops leadership skills.
- _____ Demonstrate an understanding of Supervised Occupational Experience Projects and their relationship with agriculture and agriculture careers.
- _____ Demonstrate an understanding of the California Vocational Agriculture Record Book by following actual or sample student projects.
- _____ Identify the common breeds of beef, sheep, swine, horse, dairy cattle and small animals.
- _____ Demonstrate an understanding of the terminology associated with each species of livestock.
- _____ Demonstrate an understanding of basic livestock management principles, including feeds and nutrition, care and maintenance, diseases and reproduction.
- _____ Identify the common crops grown and understands their importance to California agriculture.
- _____ Identify plants parts and explain their function for a variety of common agriculture plants.
- _____ Explain the factors involved in plant growth and general production practices.
- _____ Students will understand and perform basic tractor operations and maintenance.
- _____ Identify basic parts of common agriculture equipment.
- _____ Demonstrate proper safety techniques used in the agriculture industries and in the classroom setting.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

T. PLANT & ANIMAL SCIENCE, AG. II

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the scope of the crop production and livestock industry in the U.S.A. and the role of research in its expansion.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Identify the importance of the FFA and its relationship and importance to the Vo-Ag student.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify the ten animal body systems, their parts and functions and how they interrelate.
- _____ Develop proper nutritional plans for a variety of livestock and cattle, swine and sheep.
- _____ Identify the major diseases associated with cattle, swine and sheep, including the symptoms, treatment and prevention's of such diseases.
- _____ Explain Mendel's principle of inheritance as it relates to the transfer of genes from generation to generation.
- _____ Explain how genetic transfer relates to sex determination and abnormalities.
- _____ Explain the various systems of breeding cattle, swine and sheep (natural and artificial).
- _____ Identify the parts and explain their functions of a variety of common agriculture plants.
- _____ Explain the classification system, including the use of keys to identify plants.
- _____ Identify the major local crops and plants and explain the factors involved in their growth and production.
- _____ Demonstrate an understanding of the vital role that ecological balance plays in the plant and animal world.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

U. AGRICULTURE WELDING & CONSTRUCTION

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge (review) of all four positions and essentials in arc and acetylene welding.
- _____ Know the four essentials in arc welding (angle, heat, speed, and distance).
- _____ Be able to master the flat and out of position welds.
- _____ Learn the basic operation of the various types of gas and arc welding, drill presses, cut-off saws and the ironworker.
- _____ Demonstrate the safety features in the welding process.
- _____ Demonstrate the proper use of the cutting torch.
- _____ Master the basic positions in Acetylene welding with steel and brass rod.
- _____ Explain and demonstrate what and how to braze.
- _____ Identify and demonstrate the various types of machines in Oxy-Acetylene welding.
- _____ Accurately read shop drawings.
- _____ Demonstrate a knowledge of the general safety rules and procedures, including welding and cutting equipment safely.
- _____ Demonstrate a knowledge (review) of manipulative skills (angle, material deposit motion) in brazing, hard surfacing, cutting mild steel and aluminum welding.
- _____ Demonstrate proper usage of the cut-off saw, drill press, cutting torch, iron worker, grinders and arc and gas welders in the process of constructing major projects.
- _____ Students will apply the above welding, associating skills through building of assigned metal projects, such as cotton and cow trailers, utility trailers, abrasive saws, loading chutes, and other agricultural equipment.
- _____ Exhibit a knowledge of welding codes and symbols.
- _____ Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

V. AGRICULTURE WORK EXPERIENCE

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Develop a knowledge of the FFA organization, projects, competitions and leadership opportunities.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on a actual; project or a sample project.
- _____ Develop skills needed for a job interview.
- _____ Develop skills needed for filing out job applications.
- _____ Understand employee, employer relationships, such as respect for property, following directions, workplace productivity, etc.
- _____ Be able to meet dress code standards of a job.
- _____ Accept responsibility for proper conduct on the job.
- _____ Understand the different types of insurance and/or welfare programs to include disability, health, retirement, social security, unemployment and welfare
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Develop proper techniques in making change, figuring sales tax, etc.
- _____ Develop skills, with the assistance from the teacher and employer, related to the specific to the specific job assignment.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

W. AGRIBUSINESS

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
3 – Moderately skilled or can perform with limited help
2 – Limited skill, requires instruction and close supervision
1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize and understand the various Ag. related business and how they pertain to agriculture in Tulare county.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Arrange for a speaker from an Ag. Business area of the student's choice.
- _____ Demonstrate record keeping and management skills through keeping a FFA record book.
- _____ Demonstrate his/her ability to give an up-to-date agricultural report.
- _____ Be able to write a term paper on an up-to-date agriculture topic and a farm management problem.
- _____ Will demonstrate a knowledge of the history, financing and operation of our local county fair.
- _____ Understands the functions of the four basic types of agriculture cooperatives.
- _____ Demonstrate the ability to analyze the development of a farming land enterprise, taking into consideration water needs, financing, equipment costs, leveling/fertilizer, etc., building and crops.
- _____ Identify the importance of the FFA and the relationship and importance to the Vo-Ag student.
- _____ Identify and understand the major steps in the financing of an agriculture enterprise.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

X. DAIRY PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

_____	Demonstrate an understanding of the scope of the dairy industry in the United States, California and Tulare County.
_____	Consider careers in the dairy industry and to make realistic decisions about such careers.
_____	Identify the importance of the FFA and it's relationship and importance to the Vo-Ag student.
_____	Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
_____	Demonstrate proper fitting and showing techniques of dairy cattle.
_____	Identify the major diseases of dairy cattle, including the symptoms, treatment and prevention of such diseases.
_____	Demonstrate an understanding of the importance of controlling mastitis in dairy cattle and it's economic importance.
_____	Explain "functional type" and how it relates to improving dairy cattle.
_____	Demonstrate proper mating of dairy cattle using genetic mating service or AAA.
_____	Explain the importance of dairy cattle records and their relationship to increased profits.
_____	Demonstrate an understanding of computers and their application in dairy records.
_____	Demonstrate proper milking procedure and explain it's relationship to increased production and decreased incidence of mastitis.
_____	Develop proper and economical rations for dairy cattle.
_____	Explain the importance or reproductive efficiency in dairy cattle and factor that effect reproductive efficiency.
_____	Demonstrate proper techniques of semen handling and artificial insemination.
_____	Explain a proper calf and heifer raising program and how this program relates to having heifers freshen at 24-30 months of age.
_____	Explain the different types of dairy cattle housing and milking barns with their advantages and disadvantages.
_____	Demonstrate safe and proper working habits as they relate to working with dairy cattle.
_____	Demonstrate a practical knowledge of the following dairy operations:
_____	Artificial breeding Apply magnet Painting
_____	Vaccinating Administering drugs and pills Welding
_____	Dehorning Reading thermometer and taking temp. Proper care of vet. Equipment
_____	Tattooing Remove extra teats
_____	Castration Diagnose and treat disease
_____	Clipping cows udder Fence repair Branding methods
_____	Trim feet Pen scraping and manure disposal

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

Y. LIVESTOCK PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ The student will be able to identify those breeds of livestock (sheep, swine and beef) that are important to the industry.
- _____ Students will demonstrate a knowledge of the following skills as they relate to the livestock industry:
- | | | |
|------------|-----------------------|-----------------------|
| Castrating | Vaccinating | Judging and selecting |
| Docking | Clipping needle teeth | Fitting and showing |
| Dehorning | Ear notching | |
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual project or a sample project.
- _____ **Understand the importance of FFA and its relationship and importance to the Vo-Ag student.**
- _____ **The student will be able to relate the importance of the livestock industry to the rest of the agricultural spectrum.**
- _____ The student will be able to identify and properly formulate those feed stuffs for the rearing of cattle, swine and sheep.
- _____ The student will be able to identify the digestive system of a ruminant (cattle) and a monogastric (swine) and explain how they function.
- _____ **Students will demonstrate proper feeding practices with livestock including:**
- Amount to feed daily
 - Rate of grain
 - Cost per pound of grain
 - Mixing ration
 - Water importance

- _____ Students will be able to identify the major diseases of beef, sheep and swine, including the symptoms, treatment and prevention of such diseases.
- _____ Students will demonstrate knowledge of the following skills as they relate to the meat industry:
 - ◆ To identify those cuts of meat that are in demand by the consumer
 - ◆ To be able to select a desirable carcass from each of the species of the livestock breeds (sheep, swine and beef cattle)
 - ◆ To apply the federal grading system to meats
- _____ Explain the various systems of breeding beef cattle, sheep and swine (artificial and natural).
- _____ **Identify the anatomy involved and explain the physiology of the reproductive tract for beef, swine and sheep.**
- _____ **Students will demonstrate safe and proper techniques in working with livestock.**

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

Z. NURSERY & LANDSCAPE TECHNOLOGY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
3 – Moderately skilled or can perform with limited help
2 – Limited skill, requires instruction and close supervision
1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize the nursery field as a career choice within the agricultural sciences.
- _____ Identify, name and describe uses and the culture of common horticultural crops.
- _____ Identify the main plant parts and describe their functions (roots, stem, leaves, etc.)
- _____ Explain the effects of plant nutrients and fertilizers on plants and identify common commercial fertilizers (nitrogen, phosphorous, calcium, lime, etc.).
- _____ Develop a knowledge of the properties of soil and soil amendments, their relationships to man and plants (texture, tilth, organic matter, etc.).
- _____ Recognize common horticultural pests, damage caused and means of control (insects, weeds, disease).
- _____ Understand the relationship between horticultural crops and the environment and how each may be controlled.
- _____ Demonstrate those skills used in modern plant propagation and production (budding, grafting, cuttings).
- _____ Be able to explain the importance of and demonstrate skills in horticultural crop maintenance (irrigation, fertilization, pruning, pest control, etc.).
- _____ Be proficient in skills relevant to nursery production and management (soil mixing, transplanting, crop selection, maintenance, etc.).
- _____ Demonstrate skills and practices used in the turfgrass industry (lawn installation, equipment operation).
- _____ Be able to demonstrate those techniques and tools concerning the landscape industry (site preparation, installation, construction, bidding, etc.).
- _____ Be able to use skills and techniques, which are part of landscape design (drafting tools, layout, design theories, and proper plant use).
- _____ Demonstrate those safety practices, which are vital to the horticultural industry, including safe use of equipment, tools and pesticides.
- _____ Have knowledge of the Future Farmers of America organization, projects, competition, and leadership opportunities.



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Selected Credential Held

The application status and credential information was last updated on 05/24/2010. The Commission, at one time, issued documents without assigning any document number. Assigning a document number to these records was necessary to be able to display them online. The document numbering assigned to display those records will appear as "NONE1, NONE2, NONE3, etc."

Details of Selected Credential

Name: MCKENNA, CHRIS LEE

Document Title Preliminary Single Subject Teaching Credential

Document Number 080175289

Authorization Code(s) R1S

This document authorizes the holder to teach the subject area(s) listed in grades twelve and below, including preschool, and in classes organized primarily for adults.

R142

This document authorizes the holder to provide the following services to English learners: (1) instruction for English language development in grades twelve and below, including preschool, and in classes organized primarily for adults; and (2) specially designed content instruction delivered in English in single-subject-matter (departmentalized) courses as authorized on this document. This authorization also covers classes authorized by other valid, non-emergency credentials held, as specified in Education Code Section 44253.3.

Renewal Code(s) R14I

This credential may not be renewed. To qualify for the clear credential, the holder of this document must complete a Commission-approved Induction program including Verification of Completion by the program sponsor.

Issuance Date 07/10/2008

Expiration Date 08/01/2013

Date of Original Issuance 07/10/2008

Authorized Subject(s) Agriculture

County of Employment FRESNO

**Recommending
Institution/Agency** FRESNO, CSU

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Selected Credential Held

The application status and credential information was last updated on 05/24/2010. The Commission, at one time, issued documents without assigning any document number. Assigning a document number to these records was necessary to be able to display them online. The document numbering assigned to display those records will appear as "NONE1, NONE2, NONE3, etc."

Details of Selected Credential

Name: MCKENNA, CHRIS LEE

Document Title Clear Specialist Instruction Credential (Agriculture)

Document Number 080175290

Authorization Code(s) R3A1

This credential authorizes the holder to teach agriculture in grades twelve and below, including preschool, and in classes organized primarily for adults. It also authorizes the holder to develop and coordinate curriculum, develop programs, and deliver staff development for agriculture education programs coordinated by school districts or county offices of education.

Renewal Code(s) R15P

The term of this credential is limited by the term of the prerequisite credential. To renew this credential, the holder must also renew the prerequisite credential.

R20

To renew this credential, the holder needs to submit only an application and fee to the Commission prior to the expiration date. The renewal period is five years.

Issuance Date 07/10/2008

Expiration Date 08/01/2013

Date of Original Issuance 07/10/2008

Authorized Subject(s) Agriculture

County of Employment FRESNO

**Recommending
Institution/Agency** FRESNO, CSU

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TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

July 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Independence Day
5	6	7	8 Dairy Showmanship 5-7	9	10	11
		Table	12 KOLC 12:30 pm	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

August 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Labor Day
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

September 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

October 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

November 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

December 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

January 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 NEW YEAR	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

February 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Cal Poly-SLO Field Day
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

TULARE FFA & AGRICULTURE DEPARTMENT CALENDAR

June 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Tulare Ag Department

Welding Work Log

05/25/35



Name

Gary

Month January

Date	Description of Activity write in complete sentences	Hours of work
1/25	In class talking about the computer project B-Day	1hr 30 min
1/26	went into the computer lab started on project B-Day	1hr 30 min
1/27	went back into the shop and welded This was a holiday	1hr 30 min
1/28	went back into the computer lab and worked on plasma cut	1hr 30 min
1/29	in the computer lab worked on the stat on the project and almost finished	1hr 30 min
1/30	finished the stat and started on hook the sample	1hr 30 min
1/31	worked on the hook almost finished	1hr 30 min

INCENTIVE GRANT IN-SERVICE ACTIVITIES DOCUMENTATION

CRITERIA 4.B
School Year
School

Based on the previous year's record, every agriculture teacher, teaching at least ½ time agriculture, attends a minimum of four of the following professional development activities:

Qualified and Competent Personnel

ACTIVITIES	TEACHERS NAMES							
	Caetano	Koelewyn	Marinelli	McKenna	Mederos	Sousa	Williams	
Fall Region Meeting	X	X	X	X	X	X	X	
Region In-service Day				X	X			
Spring Region Meeting		X		X	X	X	X	
Section In-service*	X	X	X	X	X	X	X	
Section In-service*	X	X	X	X	X	X	X	
Section In-service*	X	X		X	X	X	X	
Section In-service*				X	X	X	X	
Summer Conference	X	X	X	X	X	X	X	
University AgEd Skills Week								
Professional Development **				X				

* Four Section In-service Meetings equals one Professional Development Activity

** Can utilize a maximum of two other "Agriculturally Related" Professional Development activities than those listed above. Explain the

**Tulare High School Farm
R2 Student Report
Year:2009**

ProgName	Male	Female
Ag Bus Mgt	17	35
Ag Mech.	158	10
Agriscience	271	335
An. Science	22	66
O.H.	4	26

ProgName	White	Black	Hispanic	Filipino	American Indian	Asian/Pacific Islander	Others
Ag Bus Mgt	33	1	17	0	0	1	0
Ag Mech.	93	4	68	0	3	0	0
Agriscience	294	17	275	4	8	8	0
An. Science	63	1	22	0	1	1	0
O.H.	20	0	9	0	0	1	0

Year In Ag	Grade9	Grade10	Grade11	Grade12	Grade13	Grade14	Grade15	Grade16	Total
1	363	73	44	38	0	0	0	0	518
2	0	171	30	22	0	0	0	0	223
3	0	0	83	18	0	0	0	0	101
4	0	0	0	73	0	0	0	0	73
5	0	0	0	0	17	0	0	0	17
6	0	0	0	0	0	12	0	0	12
Total	363	244	157	151	17	12	0	0	944
Total 9-12									915

R2 Teacher Information
Tulare High School Farm, Tulare
Year: 2009

Last Name	First Name	MI	Gender	Ethnicity	Total Years Teaching Ag.	Credential Type	9-Month Salary	Extended Contract Stipend	FFA Stipend	Department Head Stipend	SOI Period
Williams-Hopper	Shay	A	Female	White	6	Agriculture Specialist	59386	11511	996	0	N
Caetano	Dave	F	Male	White	30	Agriculture Specialist	78681	15739	0	2885	Y
Sousa	Jennifer		Female	White	2	Agriculture Specialist	70305	3100	996	0	N
Mederos	Patrick	M	Male	White	10	Agriculture Specialist	66658	13331	0	0	N
Koelewyn	Kevin		Male	White	19	Agriculture Specialist	78681	15736	1991	0	N
McKenna	Chris		Male	White	2	Agriculture Specialist	44886	8977	996	0	N
Marinelli	Frank		Male	White	27	Agriculture Specialist	82695	16539	0	0	N

Caetano, Dave					
Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Livestock	35	Animal Science
1	2	0800	Intro to Ag I	34	Agriscience I
1	3	1015	Intro to Ag I	34	Agriscience I
1	4	1015	Intro to Ag I	34	Agriscience I
1	5	1300	Work Experience	19	Ag Bus Mgt
1	6	1300	SAE	16	SAE

Koelewyn, Kevin					
Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Intro to Ag I	32	Agriscience I
1	2	0800	Integrated Ag Biology	28	Ag Biology
1	3	1015	Intro to Ag I	32	Agriscience I
1	4	1015	Integrated Ag Biology	27	Ag Biology
1	5	1300	Intro to Ag I	33	Agriscience I
1	6	1300	Integrated Ag Biology	28	Ag Biology

Marinelli, Frank					
Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Prep	0	Prep

1	2	0800	Ag II: Plant and Animal Science	22	Agriscience II
1	3	1015	Small Gas Engines	17	Ag Mechanics
1	4	1015	Ag II: Plant and Animal Science	22	Agriscience II
1	5	1300	Small Gas Engines	13	Ag Mechanics
1	6	1300	Intro to Ag I	29	Agriscience I

McKenna, Chris

Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Welding	18	Ag Mechanics
1	2	0800	Agriculture Mechanics I	22	Ag Mechanics
1	3	1015	Prep	0	Prep
1	4	1015	Agriculture Mechanics I	22	Ag Mechanics
1	5	1300	Welding	21	Ag Mechanics
1	6	1300	Agriculture Mechanics I	23	Ag Mechanics

Mederos, Patrick

Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Intro to Ag I	29	Agriscience I
1	2	0800	Welding	15	Ag Mechanics
1	3	1015	Ag Business	26	Ag Bus Mgt
1	4	1015	Advanced Welding	15	Ag Bus Mgt
1	5	1300	Prep	0	Prep
1	6	1300	Welding	20	Ag Mechanics

Sousa, Jennifer

Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Intro to Ag I	29	Agriscience I
1	2	0800	Integrated Ag Biology	29	Ag Biology
1	3	1015	Intro to Ag I	29	Agriscience I
1	4	1015	Prep	0	Prep
1	5	1300	Intro to Ag I	29	Agriscience I
1	6	1300	Dairy Skills	28	Animal Science

Williams-Hopper, Shay

Schedule	Period	Beginning Time	Course Title	Enrollment	Type
1	1	0800	Integrated Ag Biology	29	Ag Biology
1	2	0800	Prep	0	Prep
1	3	1015	Integrated Ag Biology	28	Ag Biology

1	4	1015	Veterinary Science	29	Animal Science
1	5	1300	Integrated Ag Biology	29	Ag Biology
1	6	1300	Floriculture	27	O.H./Floral

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R-2 student data

Address 1	Address 2	City	State	Zip	Gender	Years in Ag	Grade Level	Ethnicity	Program
2156 Dandeloin		Tulare	CA	93274	M	1	11	White	Ag Mech. Agriscience
890 S Prk		Tulare	CA	93274	F	1	9	Hispanic	Agriscience
919 West Tulare		Tulare	CA	93274	F	1	9	Hispanic	Agriscience
2478 Juniper		Tulare	CA	93274	M	1	9	White	Agriscience
402 West Wade		Tulare	CA	93274	M	1	9	Hispanic	Agriscience
434 S H Street		Tulare	CA	93274	M	1	9	White	Agriscience
19915 Road 76		Tulare	CA	93274	F	1	11	White	O.H.
1498 S K Street		Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscience
1408 Killette Road		Tulare	CA	93274	F	1	9	White	Agriscience
1679 W Delaware		Tulare	CA	93274	M	1	10	Hispanic	Agriscience
1296 E Sequioa		Tulare	CA	93274	M	1	10	White	Agriscience
141 N C		Tulare	CA	93274	F	1	9	Hispanic	Agriscience
453 S Larkin		Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1620 Cardoza		Tulare	CA	93274	M	1	11	White	Ag Mech. Agriscience
319 South F Street		Tulare	CA	93274	M	1	9	Hispanic	Agriscience
273 Hemingway		Tulare	CA	93274	F	1	10	Am. Ind.	Agriscience
797 Alpha Sreet		Tulare	CA	93274	F	1	9	White	Agriscience
1205 Palo Alto		Tulare	CA	93274	F	2	12	White	Ag Mech. Agriscience
945 Mahaeb		Tulare	CA	93274	M	1	9	Hispanic	An. Science
705 S Spruce		Tulare	CA	93274	M	1	12	Hispanic	Science
1405 E Cypress		Tulare	CA	93274	F	1	9	Hispanic	Agriscience

									e
1511 E Sequioa	Tulare	CA	93274	M	1	9	White	Agriscienc	
1048 Alameda	Tulare	CA	93274	F	1	9	Hispanic	e	
877 E Howard	Pixley	CA	93256	F	1	10	Hispanic	Agriscienc	
22601 Road 148	Tulare	CA	93274	M	1	9	White	e	
2365 Zenadia	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
1773 Dalton	Tulare	CA	93274	F	1	9	Hispanic	e	
1579 E Sierra	Tulare	CA	93274	F	1	9	White	Agriscienc	
19577 Road 96	Tulare	CA	93274	F	3	11	White	e An. x.	
22448 Road 140	Tualre	CA	93274	F	2	10	White	Science	
1890 Riesling	Tulare	CA	93274	M	1	10	Filipino	Agriscienc	
3334 W Caldwell	Visalia	CA	93277	F	1	9	White	e	
23011 Road 140	Tulare	CA	93274	M	1	9	White	Agriscienc	
PO Box	Tulare	CA	93275	F	1	10	Hispanic	e	
564 Cameila	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc	
2233 W Sonora	Tulare	CA	93274	F	1	9	White	e	
23509 Ave 126	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
490 S Magnolia	Tulare	CA	93274	M	1	11	Hispanic	e	
177 Yellowstone	Tulare	CA	93274	M	1	9	White	Ag Mech.	
2302 Treana	Tulare	CA	93274	M	2	12	White	Agriscienc	
22852 Brian Road	Tulare	CA	93274	M	2	11	White	e	
1719 Sonora	Tulare	CA	93274	M	1	10	Black	Ag Mech.	
1569 Alpine	Tulare	CA	93274	F	1	9	White	Agriscienc	
3152 Brickfield	Tulare	CA	93274	M	1	12	White	e	
1090 N E Street	Tulare	CA	93274	F	1	9	White	Ag Mech.	
960 Cardoza	Tulare	CA	93274	F	3	12	White	Agriscienc	
233 South C Street	Tulare	CA	93274	M	1	9	Hispanic	e	
627 Amejtian	Tulare	CA	93274	M	1	9	White	An.	
PO Box 331	Tipton	CA	93272	F	1	9	Hispanic	Science	
511 S G Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	e	
828 Sacramento	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	

961 Miller	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
1839 W Tyson	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
1033 La Mesa	Tulare	CA	93274	M	2	11	White	e Ag Mech.
3005 Oak Park	Tulare	CA	93274	M	1	9	White	e Agriscienc
Po Box 795	Tulare	CA	93275	F	1	9	White	e Agriscienc
100 Pyramid	Tulare	CA	93274	M	1	9	White	e Agriscienc
591 W Bardsley	Tulare	CA	93274	M	1	11	White	e Ag Mech.
657 Rainier	Tulare	CA	93274	M	1	9	White	e Agriscienc
25118 Road 44	Tulare	CA	93274	M	1	9	White	e Agriscienc
1339 E Carmelo	Tulare	CA	93274	M	2	11	Hispanic	e Ag Mech.
1101 Grove Drive	Tulare	CA	93274	M	2	10	White	e Agriscienc
1035 Cupertino	Tulare	CA	93274	F	2	10	Filipino	e Agriscienc
726 N E Street	Tulare	CA	93274	F	2	10	White	e Agriscienc
9426 Ave 184	Tulare	CA	93274	M	4	12	Hispanic	e Ag Mech.
1778 Sonora	Tulare	CA	93274	F	2	10	Hispanic	e Agriscienc
6687 Ave 248	Tulare	CA	93274	F	1	10	White	e Agriscienc
186 Yellowstone	Tulare	CA	93274	F	1	10	White	e Agriscienc
20278 Road 52	Tulare	CA	93274	F	1	9	White	e Agriscienc
240 N. D Streer	Tulare	CA	93274	M	2	10	White	e Ag Mech.
1683 Cheryl	Tulare	CA	93274	F	1	9	White	e Agriscienc
895 Madalyn	Tulare	CA	93274	F	3	12	White	e Ag Bus Mgt
2467 N Enterprise	Tulare	CA	93274	F	4	12	White	An. Sciencæ.
319 S F Street	Tulare	CA	93274	M	4	12	Hispanic	O.H.
920 Elm	Tulare	CA	93274	M	1	11	White	e Ag Mech.
1945 Agusta	Tulare	CA	9374	F	1	9	White	e Agriscienc
3285 N Colpein	Tulare	CA	93274	F	1	9	White	e Agriscienc
591 Bardlsey	Tulare	CA	93274	M	1	9	White	e Agriscienc
462 W Meadow	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
591 Bardsley	Tulare	CA	93274	M	1	9	White	e Agriscienc
1465 E Aspen	Tulare	CA	93274	M	1	9	White	e Agriscienc
415 Parkview	Tulare	CA	93274	F	1	9	White	e Agriscienc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	e Agriscienc
536 South R Street	Tulare	CA	93274	M	1	9	Asian/Pa	e Agriscienc

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365 N A Street	Tulare	CA	93274	M	2	12	Hispanic	Ag Mech.
2459 N Oak Street	Tulare	CA	93274	F	3	11	Black	Ag Bus Mgt
842 N. E Street	Tulare	CA	93274	M	3	11	White	Ag Bus Mgt
2650 W Pleasant	Tulare	CA	93274	M	4	12	White	Ag Bus Mgt
394 Vale St.	Tulare	CA	93274	M	2	10	White	Agriscienc
591 B South Oakmore	Tulare	CA	93274	M	6	14	White	e
155 Bardsley	Tulare	CA	93274	F	6	14	White	Agriscienc
1874 W Prosperity	Tulare	CA	93274	M	3	11	White	e
4432 Kansas Ave	Hanford	CA	93230	F	2	10	White	Ag Mech.
1889 Charles Krug Ave.	Tulare	CA	93274	M	3	11	White	Ag Bus Mgt
1965 Eastgate	Tulare	CA	93274	F	1	12	White	Agriscienc
2566 Pine Valley	Tulare	CA	93274	M	1	11	White	e
1059 N A Street	Tulare	CA	93274	M	2	10	Hispanic	O.H.
4190 N. Mooney	Tulare	CA	93274	M	3	11	White	Ag Mech.
21233 Road 76	Tulare	CA	93274	F	2	10	White	Ag Bus Mgt
14653 Road 96	Tulare	CA	93274	M	2	10	White	Agriscienc
999 Ladawna	Tulare	CA	93274	M	1	11	White	e
14653 Road 96	Tulare	CA	93274	M	5	13	White	Ag Mech.
1003 N. Petaluma St.	Tulare	CA	93274	F	2	10	Hispanic	O.H.
5820 W Caldwell O	Visalia	CA	93277	F	4	12	White	Agriscienc
19258 Stevenson Drive	Tulare	CA	93274	M	3	11	Am. Ind.	e
351 N. West St. Apt 522	Tulare	CA	93274	F	2	10	Hispanic	An.
953 N. Belmont St	Tulare	CA	93274	M	2	10	Hispanic	Science
1945 Cambridge Circle	Tulare	CA	93274	M	3	11	White	Ag Mech.
1327 Salome	Tulare	CA	93274	F	1	9	White	Agriscienc
630 Dogwood	Tulare	CA	93274	M	1	9	Hispanic	e
400 S Los Angeles	Tulare	CA	93274	M	2	12	Hispanic	Agriscienc
1414 N Gem Street	Tulare	CA	93274	F	4	12	Hispanic	e
12615 Iona Ave.	Hanford	CA	93230	F	2	10	White	Agriscienc
22929 Rd. 140	Tulare	CA	93274	F	2	10	White	e
2845 N. Airport	Pixley	CA	93256	F	2	10	White	Agriscienc
26212 Rd. 132	Visalia	CA	93292	M	2	10	White	e
876 E. Howard	Pixley	CA	93256	M	2	11	White	Ag Mech.
1500 S Cardoza	Tulare	CA	93274	F	1	9	White	Agriscienc
1366 La Mesa	Tulare	CA	93274	M	1	10	Hispanic	e
25320 Road 44	Tulare	CA	93274	M	2	10	White	Ag Mech.

1952 Stagecoach	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
1818 Henshaw	Tulare	CA	93274	F	1	10	Filipino	Agriscienc e
400 S Balckstone	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc e
1536 Orchard	Tulare	CA	93274	F	1	9	White	Agriscienc e
Po Box 1184	Tipton	CA	93272	M	2	12	Hispanic	Ag Mech. Agriscienc e
24293 Road 68	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
18283 Ave. 21	Lindsay	CA	93274	M	2	10	White	Ag Mech. Agriscienc e
362 S. Evans	Tipton	CA	93272	F	2	10	Hispanic	Agriscienc e
908 South Amber	Tulare	CA	93274	F	2	10	White	Agriscienc e
2233 W Sonora	Tulare	CA	93274	M	2	10	White	Agriscienc e
2233 W Sonora	Tulare	CA	93274	F	4	12	White	Agriscienc e
1585 E. Stockham	Tualre	CA	93274	M	4	12	White	Ag Mech. Agriscienc e
5136 Ave 248	Tulare	CA	93274	F	2	10	White	Agriscienc e
PO Box 370	Tulare	CA	93274	F	1	9	White	Agriscienc e
624 S Q Street	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc e
15046 Ave 224	Tulare	CA	93274	M	2	11	White	Ag Mech. Agriscienc e
1633 Estate	Tulare	CA	93274	M	1	9	White	Agriscienc e
679 Lynora	Tulare	CA	93274	F	1	9	White	Agriscienc e
339 N Mountain View	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
713 Alpha	Tulare	CA	93274	F	1	12	Asian/Pa c	O.H. Agriscienc e
2805 W. Park St.	Pixley	CA	93256	M	2	10	Hispanic	Agriscienc e
2201 E Bardsley	Tulare	CA	93274	M	2	10	White	Agriscienc e
484 Lemonwood	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
22225 Rd. 152	Tulare	CA	93274	F	2	10	White	Agriscienc e
591 W Bardlsey	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt Agriscienc e
1975 Cypress Cove Dr.	Tulare	CA	93274	F	2	10	White	Agriscienc e
1113 Lincoln St.	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt Agriscienc e
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	Agriscienc e
PO Box 775	Tulare	CA	93275	M	1	9	White	Agriscienc e
1900 Cochran	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
1031 Manzanita	Tulare	CA	93274	M	1	9	White	Agriscienc e
860 Merritt	Tulare	CA	93274	F	1	9	White	Agriscienc e

2581 Azalea	Tulare	CA	93274	F	1	9	White	Agriscienc e
22979 B Rd. 140	Tulare	CA	93274	M	2	10	White	Ag Mech.
1239 Greenwood Ct.	Tulare	CA	93274	M	3	12	White	Ag Mech. Agriscienc e
327 E Gannon	Tulare	CA	93274	M	2	10	White	Agriscienc e
533 E Estate	Tulare	CA	93274	M	2	10	White	Ag Mech.
1158 Brett Beach Circle	Tulare	CA	93274	M	4	12	Hispanic	Ag Mech. Agriscienc e
PO Box	Pixley	CA	93256	M	1	9	Hispanic	Agriscienc e
509 S Larkin	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
246 North Newman	Tipton	CA	93272	M	1	9	Hispanic	Agriscienc e
1927 Weynich	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech. Agriscienc e
749 S Q Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
273 Callison	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
1872 E Levin	Tulare	CA	93274	F	1	9	Black	Agriscienc e x.
1855bridger	Tulare	CA	93274	F	1	10	Black	Agriscienc e
23011 Rd. 140	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
540 Howard Way	Pixley	CA	93256	F	3	11	White	Ag Bus Mgt Agriscienc e
3121 Brickfield	Tulare	CA	93274	F	2	10	White	Agriscienc e
404 Hilsdale Ct.	Tulare	CA	93274	M	2	10	White	Agriscienc e
1731 Burton Ave.	Tulare	CA	93274	F	2	10	White	Agriscienc e
P.o.box 1267	Tipton	CA	93272	F	4	12	White	An. Science Agriscienc e
22800 Rd 148	Tulare	CA	93274	M	2	10	White	Agriscienc e
1862 Sonora	Tulare	CA	93274	F	1	9	White	Agriscienc e
855 N G Street	Tulare	CA	93274	F	4	12	Hispanic	Ag Bus Mgt
1157 W Oakland	Tulare	CA	93274	F	4	12	White	O.H. Agriscienc e
231 E Prosperity	Tulare	CA	93274	M	2	10	Hispanic	An. Science Agriscienc e
22800 Rd 148	Tulare	CA	93274	F	4	12	White	An. Science Agriscienc e
22584 Munson	Tulare	CA	93274	F	1	10	White	An. Science Agriscienc e
10002 Ave. 144	Tipton	CA	93272	F	3	11	White	Science
22601 Rd. 148	Tulare	CA	93274	M	5	13	White	Ag Mech.
358 Mark Twain Ave.	Tulare	CA	93274	M	3	12	White	Ag Mech.
2860 Ave. 170	Corcoran	CA	93212	F	3	11	White	Ag Mech.
2061 N. Adams	Tulare	CA	93274	F	4	12	Hispanic	Ag Bus Mgt
5663 Ave 228	Tulare	CA	93274	F	2	11	Hispanic	Ag Mech. Agriscienc e
355 Mitchell	Tulare	CA	93274	F	4	12	White	Agriscienc e
1021 Canyon View St.	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc

5711 Ave. 228 P.o. Box 661	Tulare	CA	93274	F	2	10	Hispanic	e Agriscien e An. Science Agriscien e Ag Bus Mgt An. Science Agriscien e Agriscien e Ag Mech. An. Science Agriscien e Ag Mech. Agriscien e Agriscien e Ag Mech. An. Science Ag Bus Mgt An. Science Ag Mech. Agriscien e An. Science An. Science Ag Bus Mgt Ag Mech. Ag Bus Mgt Agriscien e Agriscien e Ag Bus Mgt O.H. An. Science Ag Bus Mgt Agriscien e Ag Mech. Agriscien
2860 Ave. 170	Corcoran	CA	93212	M	3	11	White	
872 Alameda St.	Tulare	CA	93274	M	2	10	Hispanic	
905 Haven Ct.	Tulare	CA	93274	F	3	11	Hispanic	
1971 W. Merritt Ave.	Tulare	CA	93274	F	4	12	White	
1411 North M. St.	Tulare	CA	93274	F	2	10	White	
601 W. Cross	Tukare	CA	93274	M	2	12	White	
17645 South i Drive	Tulare	CA	93274	F	4	12	White	
123 Colorado Ave	Tulare	CA	93274	M	2	10	White	
228 E Sandra	Tulare	CA	93274	F	1	9	Hispanic	
3269 N Sacramento	Tulare	CA	93274	F	2	10	Hispanic	
1498 Salome	Tulare	CA	93274	M	1	9	Hispanic	
146 S California	Tulare	CA	93274	F	1	10	Hispanic	
2138 W. Prosperity	Tulare	CA	93274	M	2	12	Hispanic	
304 E. Lynn Ave.	Tulare	CA	93274	F	4	12	Hispanic	
712 N. Palm	Tulare	CA	93274	M	5	13	White Asian/Pa c	
118 Mitchell Ave	Tulare	CA	93274	F	3	12	Hispanic	
986 Alderwood St.	Tulare	CA	93274	M	2	10	Hispanic	
1414 London Circle	Tulare	CA	93274	M	2	12	White	
2478 Almaden	Tulare	CA	93274	F	4	12	White	
569 Lansing	Tulare	CA	93274	F	3	11	White	
24172 Road 140	Tulare	CA	93274	F	4	12	White	
162 E Merrit	Tulare	CA	93274	M	3	11	White	
PO Box 4	Tulare	CA	93274	F	4	12	White	
293 Cedar	Tulare	CA	93274	M	1	9	Hispanic	
PO Box 15	Tulare	CA	93275	M	1	9	White	
16783 S I Drive	Tulare	CA	93274	F	1	9	Hispanic	
227 Dickens	Tulare	CA	93274	F	3	11	White	
843 Madalyn	Tulare	CA	93274	F	4	12	White	
819 Mahaleb	Tulare	CA	93274	F	4	12	White	
420 Estate	Tulare	CA	93274	M	4	12	White	
195 Colorado	Tulare	CA	93274	M	2	10	White	
290 Merritt	Tulare	CA	93274	M	3	12	White	
1924 Holliday Street	Tulare	CA	93274	F	2	11	White	

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269 Sandra	Tulare	CA	93274	M	1	9	White	Agriscience	
468 Meadow	Tulare	CA	93274	M	1	9	Hispanic	Agriscience	
501 W Bardsley	Tulare	CA	93274	F	1	9	White	Agriscience	
140 Adams	Tipton	CA	93272	M	1	11	White	Ag Mech.	
1534 Mateus	Tulare	CA	93274	F	1	10	Hispanic	Agriscience	
1903 Henshaw	Tulare	CA	93274	F	1	9	White	Agriscience	
23968 Road 68	Tulare	CA	93274	M	2	12	Hispanic	Ag Mech.	
22844 Road 140	Tulare	CA	93274	F	1	9	Hispanic	Agriscience	
1142 Prosperity	Tulare	CA	93274	M	1	9	White	Agriscience	
888 North N Place	Tulare	CA	93274	M	2	10	White	Agriscience	
1126 W Oakland	Tulare	CA	93274	M	2	10	Hispanic	Agriscience	
1215 W Pleasant	Tulare	CA	93274	M	2	10	White	Agriscience	
370 Mitchell	Tulare	CA	93274	F	2	10	White	An. Science	
5387 Kent	Hanford	CA	93230	M	5	13	Hispanic	Ag Bus Mgt	
591 W Bardsley	Tulare	CA	93274	F	2	10	Hispanic	Agriscience	
14527 Ave 210	Tulare	CA	93274	M	2	10	Hispanic	Agriscience	
1992 Plymouth	Tulare	CA	93274	F	1	9	White	Agriscience	
1881 Bass Lake Ave	Tulare	CA	93274	F	4	12	Hispanic	An. Science	
315 E Washington	Tulare	CA	93274	M	2	12	White	Ag Mech.	
1499 Zumwalt	Tulare	CA	93274	M	4	12	White	Ag Mech.	
13233 Ave 232	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt	
1425 Lewis Lane	Tulare	CA	93274	F	2	10	White	Agriscience	
558 South O Apt D	Tulare	CA	93274	M	2	12	Hispanic	Ag Mech.	
337 Mark Twain	Tulare	CA	93274	M	3	11	White	Agriscience	
PO Box 661	Visalia	CA	93274	M	1	12	Asian/Pacific	Agriscience	
325 Vetter	Tulare	CA	93274	M	1	10	Hispanic	Agriscience	
1050 Greenwood	Tulare	CA	93274	F	1	10	Hispanic	Agriscience	
652 Alpha	Tulare	CA	93274	M	2	12	White	Ag Mech.	
239 Hemmingway	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt	
448 Lynora	Tulare	CA	93274	F	1	9	White	Agriscience	
938 Warren Court	Tulare	CA	93274	F	2	10	Hispanic	Agriscience	
542 West	Tulare	CA	93274	M	1	10	Hispanic	Agriscience	

542 S West	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
527 S Santa Clara	Tulare	CA	93274	M	4	12	Hispanic	Ag Mech. Agriscience
1514 Coehlo	Tulare	CA	93274	F	1	9	White	An. Science ^x
542 W Street	Tulare	CA	93274	M	4	12	Hispanic	Ag Mech. An. Science
840 S. Silva	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. An. Science
624 South R Street	Tulare	CA	93274	F	3	11	Black	An. Science
1793 Kohn Ave.	Tulare	CA	93274	F	3	11	Hispanic	Science Agriscience
1468 Birch	Tulare	CA	93274	F	1	9	White	Agriscience
1447 Frances	Tulare	CA	93274	F	2	10	White	An. Science Agriscience
729 S T Street	Tulare	CA	93274	F	3	11	Hispanic	Science Agriscience
1277 Cabrillo	Tulare	CA	93274	F	1	9	Black	O.H. An. Science
PO Box 602	Tipton	CA	93272	F	3	12	White	Ag Mech. Agriscience
14727 Ave 192	Tulare	CA	93274	F	4	12	White	Ag Mech. Agriscience
1148 S Vetter Dr.	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. Agriscience
P.o. Box 336	Tulare	CA	93275	F	2	10	Hispanic	Agriscience
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	Agriscience
4190 N. Mooney	Tulare	CA	93274	M	2	10	White	Agriscience
1508 E. Boyer	Tulare	CA	93274	M	2	10	Hispanic	An. Science
17787 Rd. 128	Tulare	CA	93274	F	3	11	White	An. Science
1602 Avila Ave.	Tulare	CA	93274	M	4	12	White	Science Agriscience
1247 Yorktown Dr.	Tulare	CA	93274	F	2	10	White	An. Science
P.o. Box 425	Tulare	CA	93274	F	5	13	White	Ag Bus Mgt
537 Coral St.	Tulare	CA	93274	F	3	11	White	O.H. Agriscience
14665 Rd. 160	Tipton	CA	93272	F	3	11	White	O.H. Agriscience
14665 Rd. 160	Tipton	CA	93272	M	5	13	White	O.H. Agriscience
315 Newman	Tipton	CA	93274	M	2	10	Hispanic	Agriscience
1590 Mirrason	Tulare	CA	93274	M	1	9	White	Agriscience
591 West Bardsley	Tulare	CA	93274	F	1	9	White	Agriscience
17609 Rd. 80	Tulare	CA	93274	F	2	10	White	Agriscience
22870 Road 130	Tulare	CA	93274	M	1	12	White	Ag Bus Mgt Agriscience
734 E. Mariposa	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. An. Science
785 Maraposa	Tulare	CA	93274	M	3	12	White	Ag Mech. An. Science
16709 B Ave 264	Vislia	CA	93292	M	5	13	White	Science

348 South c St.	Tulare	CA	93274	F	4	12	Hispanic	O.H. An.
P.o. Box 1102	Tipton	CA	93272	F	4	12	White	Science Agriscience
202 Dicken	Tulare	CA	93274	F	6	14	White	
1436 E. Etna	Tulare	CA	93274	M	4	12	White	Ag Mech. An.
17975 Rd. 136	Tulare	CA	93274	F	4	12	White	Science An.
950 Cross Street	Tulare	CA	93274	F	4	12	White	Science Agriscience
14727 Rd.96	Tipton	CA	93272	M	2	10	White	
401 S Los Angeles	Tulare	CA	93274	M	3	12	Hispanic	Ag Mech. Agriscience
1361 Olympia	Tulare	CA	93274	M	1	9	Am. Ind.	Agriscience
1363 Olympia	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
5387 Kent Ave	Hanford	CA	93230	M	2	10	Hispanic	Agriscience An.
1299 Greenwood	Tulare	CA	93274	F	3	11	White	Science Agriscience
1166 Nelder Grove	Tulare	CA	93274	F	2	10	Hispanic	
735 W. King	Tulare	CA	93274	M	2	12	White	Ag Mech. An.
667 Bardsley	Tulare	CA	93274	M	3	11	Hispanic	Science
890 S Park	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscience
826 N Blackstone	Tulare	CA	93274	M	2	10	White	Ag Mech. An. x.
202 Dickens	Tulare	CA	93274	F	4	12	White	Science
883 Belmont	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience
PO Box 16	Pixley	CA	93256	M	1	9	Hispanic	Agriscience
1100 S E Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
339 W Meadow	Tulare	CA	93274	M	1	10	White	Agriscience
510 N B Street	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
22615 Road 132	Tulare	CA	93274	F	1	10	White	Agriscience
476 Lemonwood	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1538 W Maple	Tulare	CA	93274	M	1	11	White	Ag Mech. Agriscience
402 West Wade	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1775 Lewis Lane	Tulare	CA	93274	F	2	10	White	Agriscience
591 West Bardsley	Tulare	CA	93274	F	2	10	White	Agriscience
13694 Ave 256	Tulare	CA	93274	M	3	11	White	Ag Mech.
9181 Road 104	Pixley	CA	93256	M	2	10	Hispanic	Ag Mech. Agriscience
510 E Almond	Tulare	CA	93274	F	2	10	White	Agriscience
221 S D Street	Tulare	CA	93274	F	2	10	Hispanic	Agriscience

2161 Tamarack	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
1995 Valley Forge	Tulare	CA	93274	M	4	12	White	Agriscience
1258 N. Jefferson	Tulare	CA	93274	F	3	11	Hispanic	Ag Bus Mgt
930 Centennel Ct.	Tulare	CA	93274	M	3	11	Am. Ind.	Ag Mech.
341 N. O St.	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
244 Yellowstone	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
12123 Avenue 136	Tipton	CA	93272	M	2	10	White	Agriscience
1341 Windsong	Tulare	CA	93274	F	2	10	White	Agriscience
720 Mariposa	Tualre	CA	93274	F	2	10	Black	Agriscience
17975 Rd. 136	Tulare	CA	93274	F	3	11	White	An. Science
790 E. King Ave	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech.
14231 Ave. 180	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
P.o. Box 1133	Tipton	CA	93272	M	4	12	White	Ag Mech.
13040 Gregory	Tulare	CA	93274	F	1	10	White	Agriscience
20801 Raod 132	Tulare	CA	93274	M	1	9	White	Agriscience
20429 Rd. 124	Tulare	CA	93274	F	4	12	White	Agriscience
14777 Ave.84	Pixley	CA	93256	M	2	10	White	An. Science
8340 Ave.144	Tipton	CA	93272	F	3	11	White	Ag Mech.
1131 S Spruce	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
1521 Orchard St.	Tulare	CA	93274	M	2	10	White	Agriscience
15915 Rd. 72	Tipton	CA	93272	F	2	10	White	Agriscience
PO Box 1890	Tulare	CA	93274	M	6	14	White	Ag Mech.
416 Jackson	Tulare	CA	93274	M	6	14	White	An. Science
2441 Doyer Canyon	Tulare	CA	93274	M	4	12	Hispanic	Agriscience
400 Cross	Tulare	CA	93274	F	6	14	White	An. Science
13241 Rd. 136	Tipton	CA	93272	M	2	10	White	Agriscience
2680 Pleasant	Tulare	CA	93274	M	1	9	White	Agriscience
711 Monterey	Tulare	CA	93274	F	1	9	White	Agriscience
483 w Beechwood	Tulare	CA	93274	F	6	14	Hispanic	Ag Bus Mgt
321 N A Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscience ^x
14284 Ave 323	Tulare	CA	93274	F	2	11	White	Ag Bus Mgt
13241 Rd. 136	Tipton	CA	93272	F	3	11	White	Ag Mech.
22225 Road 152	Tulare	CA	93274	M	6	14	White	Agriscience

1272 N. Olive	Pixley	CA	93256	M	3	11	White	Ag Mech.
12870 B Ave. 228	Tulare	CA	93274	F	3	11	White	Ag Mech.
591 W Bardsley	Tulare	CA	93274	M	1	10	White	Agriscienc
616 N M Street	Tulare	CA	93274	F	3	11	Hispanic	e
13955 Road 80	Tulare	CA	93274	M	5	13	White	An.
4676 Ave 228	Tulare	CA	93274	F	4	12	White	Science
374 N. Laspina St.	Tulare	CA	93274	M	2	10	Hispanic	Agriscienc
1363 Olympia	Tulare	CA	93274	M	2	10	Hispanic	e
967 Ladawna	Tulare	CA	93274	F	2	10	Black	Agriscienc
1598 Mateus	Tulare	CA	93274	M	2	10	Hispanic	e
9555 Ave 264	Tulare	CA	93274	F	4	12	White	An.
1261 Malibu	Tulare	CA	93274	F	4	12	White	Science
1511 W Shasta	Tulare	CA	93274	F	2	11	White	Agriscienc
4013 South K St.	Tulare	CA	93274	F	2	10	White	e
14727 Rd. 96	Tipton	CA	93272	M	5	13	White	O.H.
1138 Grove Drive	Tulare	CA	93274	M	2	10	White	Ag Bus Mgt
PO Box 224	Tulare	CA	93275	F	2	10	White	Agriscienc
1377 Clarete Court	Tulare	CA	93274	F	2	11	White	e
640 E. Chevy Chase Dr.	Tulare	CA	93274	F	3	11	White	An.
945 W. Zumwalt	Tulare	CA	93274	F	2	10	White	Science
6135 Ave 248	Tulare	CA	93274	F	2	10	Hispanic	Ag Bus Mgt
829 N Oaks	Tulare	CA	93274	F	3	11	White	Agriscienc
PO Box 402	Tulare	CA	93274	M	1	9	Hispanic	e
400 S Los Angeles	Tulare	CA	93274	M	1	11	Hispanic	O.H.
912 Milner	Tulare	CA	93274	F	3	12	White	Ag Mech.
656 W Beacon	Tulare	CA	93274	M	2	12	White	An.
20101 Road 44	Tulare	CA	93274	F	4	12	White	Science
383 E Sandra	Tulare	CA	93274	F	2	12	White	Agriscienc
P.o. Box 786	Pixley	CA	93256	M	2	12	Hispanic	e
269 Sandra	Tulare	CA	93274	F	2	10	White	An.
1438 Kaweah Dr.	Tulare	CA	93274	F	2	10	White	Science
3863 Nicolepein	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc
1113 Brentwood	Tulare	CA	93274	M	1	9	Am. Ind.	e

1754 Trebbiano	Tulare	CA	93274	F	1	9	White	Agriscienc
1044 Cedar	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
8800 Ave. 208	Tulare	CA	93274	F	3	11	White	e An. Science
921 South Kazarian	Tulare	CA	93274	F	1	9	White	Agriscienc
14147 Jan Court	Tulare	CA	93274	M	3	11	White	e Ag Mech.
1172 W Ramon	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
1824 E. Ben Franklin	Tulare	CA	93274	F	2	10	White	e Agriscienc
2684 Tecopa	Tulare	CA	93274	M	4	12	White	e An. Science
601 S Pratt	Tulare	CA	93274	F	1	11	Hispanic	An. Science
440 North E	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc
PO Box 591	Tulare	CA	93274	M	1	9	White	e x. Agriscienc
534 Tuohy St.	Tulare	CA	93274	F	3	11	White	e O.H. Agriscienc
14550 A Ave. 256	Visalia	CA	93292	F	2	10	White	e
18335 Rd. 144	Tulare	CA	93274	M	3	11	White	Ag Mech.
263 Johnson Court	Tulare	CA	93274	M	4	12	Hispanic	Ag Bus Mgt
712 South G. St.	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc
8608 Ave 208	Tulare	CA	93274	M	1	11	White	e Ag Mech.
1614 No Oaks	Tulare	CA	93274	M	2	12	Hispanic	Ag Mech.
4738 Ave 230	Tulare	CA	93274	M	2	10	Hispanic	Agriscienc
1533 Firestone	Tulare	CA	93274	M	1	10	Hispanic	e Agriscienc
277 Washington	Tulare	CA	93274	M	2	12	Am. Ind.	e Ag Mech.
1035 Sycamore	Tulare	CA	93274	M	1	10	White	Agriscienc
938 N A Street	Tulare	CA	93274	F	1	10	Black	e Agriscienc
19693 Road 124	Tulare	CA	93274	M	1	9	Am. Ind.	e Agriscienc
591 W Bardsley	Tulare	CA	93274	F	3	11	White	e Ag Bus Mgt
1190 Callison	Tipton	CA	93272	M	5	13	White	Ag Bus Mgt
591 Bardsley Ave	Tulare	CA	93274	M	2	10	White	Agriscienc
3419 West Oakdale	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
591 W Barlsdey	Tulare	CA	93274	M	2	10	Hispanic	e Agriscienc
1299 Greenwood	Tulare	CA	93274	F	1	9	White	e Agriscienc
1550 E Walnut	Tulare	CA	93274	M	1	9	White	e Agriscienc
4363 Ave 232	Tulare	CA	93274	F	1	10	Hispanic	e Agriscienc
605 Blackstone	Tulare	CA	93274	F	3	12	White	O.H.

1355 Cabernet	Tulare	CA	93274	F	1	9	White	Agriscience
218 Hemingway	Tulare	CA	93274	F	3	11	White	An. Science
900 E Rankin	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscience
217 Shelly Court	Tulare	CA	93274	M	1	9	White	Agriscience
202 Dickens	Tulare	CA	93274	F	1	9	White	Agriscience
20328 Road 180	Tulare	CA	93274	M	3	12	White	Ag Bus Mgt
762 Alpha	Tulare	CA	93274	M	1	10	White	Ag Mech. Agriscience
18157 Road 112	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1038 Tulare	Tulare	CA	93274	F	1	9	White	Agriscience
783 Bender	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1428 Killette	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1703 S Spruce	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech. Agriscience
1152 Damron	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1156 W Sonora	Tulare	CA	93274	M	1	9	Hispanic	An. Science
625 Enterprise	Tulare	CA	93274	F	1	11	Hispanic	Agriscience
660 Penair	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
14538 Ave 256	Tulare	CA	93274	F	1	10	White	Agriscience
911 Madalyn	Tulare	CA	93274	F	1	9	Filipino	Agriscience
121 Salida	Tulare	CA	93274	M	1	9	White	Agriscience
1502 Firestone	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech.
18168 Road 144	Tulare	CA	93274	F	4	12	White	O.H.
16777 South I Drive	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience
16777 Sout I Drive	Tulare	CA	93274	M	1	9	White	Agriscience
577 Berrywood	Tulare	CA	93274	M	1	12	Hispanic	Ag Bus Mgt
591 West Bardsley	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscience
2305 Azalea	Tulare	CA	93274	M	1	9	White	Agriscience
1915 Irwin	Tulare	CA	93274	F	1	9	White	Agriscience
591 West Bardsley	Tulare	CA	93274	F	1	9	White	Agriscience
2506 S Tommy Court	Visalia	CA	93277	M	2	10	White	Agriscience
8790 Ave 152	Tipton	CA	93272	F	1	12	White	Agriscience
827 W Tulare	Tulare	CA	93274	F	1	11	Hispanic	O.H. Agriscience
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
133 S Los Angeles	Tulare	CA	93274	M	1	9	Hispanic	Agriscience

4660 Pratt	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech.
945 Ladawna	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech.
14254 Redbud Drive	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
591 W Bardsley	Tulare	CA	93274	F	3	11	Hispanic	An. Science
132 N D Street	Tulare	CA	93274	M	2	12	Black	Ag Mech. An.
22601 Rd. 148	Tulare	CA	93274	M	4	12	White	Science
485 S. Forest St	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience
1625 Cabrillo	Tulare	CA	93274	M	1	9	Hispanic Asian/Pacific	
13200 Road 112	Tipton	CA	93272	M	3	11		Ag Bus Mgt Agriscience
1842 Tocca Ave	Tulare	CA	93274	F	2	10	White	Agriscience
1919 Henshaw	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
1849 Cabrillo	Tulare	CA	93274	M	2	10	White	Agriscience
19019 Ave. 202	Strathmore	CA	93274	F	2	10	White	Agriscience
1467 W. Beaumont	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. Agriscience
188 East Woodward	Tulare	CA	93274	F	2	10	White	
9316 Ave 184	Tulare	CA	93274	M	3	11	White	Ag Mech.
1340 Olympia Ave.	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
4375 N. West Street	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt
2684 Tecopa	Tulare	CA	93274	M	4	12	White	Ag Mech. Agriscience
1921 Cambridge	Tulare	CA	93274	M	1	9	White	Agriscience
381 Mendocino	Tulare	CA	93274	M	1	9	White	An. Science
169 Merritt	Tulare	CA	93274	F	4	12	White	Agriscience
1048 Alameda	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
1965 Academy	Tulare	CA	93274	M	2	10	White	Agriscience
1921 North Theadore Ct.	Tulare	CA	93274	F	2	10	Black	Agriscience
2520 Ave. 136	Corcoran	CA	93212	F	2	10	White	
22727 Road 132	Tulare	CA	93274	M	2	11	White	Ag Bus Mgt
13030 Avenue 230	Tulare	CA	93274	M	3	11	White	Ag Mech.
1193 Hillcrest Ave.	Tulare	CA	93274	M	2	10	White	Ag Mech. Agriscience
2096 Alcott	Tulare	CA	93274	M	1	9	White	Agriscience
1413 Sonora	Tulare	CA	93274	F	1	9	White	Agriscience
21511 Road 76	Tulare	CA	93274	F	1	10	White	Agriscience
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1715 Target	Tulare	CA	93274	F	1	9	Hispanic	Agriscience

13955 Road 80	Tulare	CA	93274	F	1	9	White	Agriscienc
440 W Maple	Tulare	CA	93274	F	1	9	Asian/Pa	Agriscienc
132 South C Street	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc
2362 Zenaida	Tulare	CA	93274	M	1	10	White	Agriscienc
P.o. Box 594	Pixley	CA	93256	F	2	10	White	Agriscienc
13043 Rd. 112	Tipton	CA	93272	F	2	11	Hispanic	Ag Mech.
1784 Pyramid Ave.	Tulare	CA	93274	F	2	10	White	Agriscienc
2433 Crystal Springs	Tulare	CA	93274	F	1	9	White	Agriscienc
1209 Gail	Tulare	CA	93274	F	1	9	White	Agriscienc
1995 Valley Forge	Tulare	CA	93274	M	2	11	White	Ag Mech.
591 West Bardlsey	Tulare	CA	93274	M	1	10	Hispanic	Ag Mech.
1038 E Cross	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
720 Whitney	Tulare	CA	93274	F	1	12	White	Ag Mech.
1074 S Cardoza	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
1386 Clarete	Tulare	CA	93274	F	1	12	White	Agriscienc
946 Haven Court	Tulare	CA	93274	M	1	9	Asian/Pa	Agriscienc
440 S Becky	Tulare	CA	93274	F	1	9	White	Agriscienc
1215 Pleasant	Tulare	CA	93274	F	1	12	White	O.H.
259 North G	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
2231 Poppy View	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
1958 Pleasant	Tulare	CA	93274	M	1	9	Black	Agriscienc
405 Hilldale	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
1293 Millerton	Tulare	CA	93274	F	1	9	Black	Agriscienc
831 S R Street	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc
603 W Sonora	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
18157 Road 112	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
1887 Gomez	Tulare	CA	93274	F	1	10	White	Agriscienc
17351 So U Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
651 So U Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc
17351 Road 96	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc
162 Wade	Tulare	CA	93274	F	1	11	Hispanic	An.

									Science
293 Cedar	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
402 Stadium	Tulare	CA	93274	M	1	9	Hispanic	e	
2201 E Bardlsey	Tulare	CA	93274	F	1	9	White	Agriscienc	
20429 Road 124	Tulare	CA	93274	M	1	9	Hispanic	e	
162 Merritt	Tulare	CA	93274	F	1	9	White	Agriscienc	
1188 E Kern	Tulare	CA	93274	M	1	9	Hispanic	e	
1125 Pleasant	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
1287 Chavez Court	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech.	
4667 Ave 230	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
8539 Road 151	Pixley	CA	93256	M	1	9	Hispanic	Agriscienc	
17057 Road 32	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.	
4667 Ave 230	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
591 Bardsley	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
431 Larkin Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
1797 Bonarda Ave	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
958 N Atwood	Tulare	CA	93274	F	1	10	Am. Ind.	Agriscienc	
468 Meadow	Tulare	CA	93274	M	1	9	Hispanic	e	
654 San Diego	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
PO Box 2	Pixley	CA	93256	M	1	9	Hispanic	Agriscienc	
2411 Juniper	Tulare	CA	93274	F	1	10	White	e	
PO Box 274	Pixley	CA	93256	M	1	12	Hispanic	Ag Mech.	
761 E Apricot	Tulare	CA	93274	M	1	9	White	Agriscienc	
1261 Malibu	Tulare	CA	93274	M	1	9	White	Agriscienc	
1186 Bargetto	Tulare	CA	93274	F	1	9	White	Agriscienc	
2154 Gomez	Tulare	CA	93274	M	1	9	White	e	
PO Box 15	Tulare	CA	93274	M	3	11	White	Ag Mech.	
1672 Port Court	Tulare	CA	93274	F	1	9	White	Agriscienc	
PO Box 881	Tipton	CA	93272	F	1	9	Hispanic	Agriscienc	
893 Academy	Tulare	CA	93274	F	4	12	White	An.	
1166 Nelda Grove	Tulare	CA	93274	M	1	9	Hispanic	Science	
591 w Bardlsey	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc	

									e
680 Ventura	Tulare	CA	93274	M	1	9	Hispanic	Agriscience	
1306 Peppertree	Visalia	CA	93292	M	1	12	Asian/Pacific	Agriscience	
4190 N Mooney	Tulare	CA	93274	M	1	11	White	Agriscience	
145 S Sacramento	Tulare	CA	93274	M	1	9	Hispanic	Agriscience	
13416 Rd. 136	Tipton	CA	93272	M	2	11	Hispanic	Ag Mech. An.	
Ave. 228 13860	Tulare	CA	93274	F	2	11	Hispanic	Science	
9988 Ave 152	Tipton	CA	93272	M	2	10	White	Ag Mech. Agriscience	
2654 E Kern Ave	Tulare	CA	93274	F	2	10	Hispanic	Agriscience	
22529 Road 140	Tulare	CA	93274	M	2	11	White	Ag Mech. Agriscience	
PO Box 610	Pixley	CA	93256	F	1	9	Hispanic	Agriscience	
2168 Prosperity	Tulare	CA	93274	F	2	10	White	Agriscience An.	
17974 Road 32	Tulare	CA	93274	F	3	11	Hispanic	Science	
2165 North M St.	Tulare	CA	93274	M	4	12	White	Ag Mech.	
22401 Rd. 20	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience	
20377 Rd. 140	Tulare	CA	93274	F	2	10	White	Agriscience	
1733 Modoc	Tulare	CA	93274	F	1	9	Hispanic	Agriscience	
358 Ranch Acre Rd.	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience	
844 S T	Tulare	CA	93274	F	1	9	White	Agriscience	
Po Box 1155	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech.	
5901 South I Drive	Tulare	CA	93274	M	4	12	White	Ag Mech. Agriscience	
440 S Berry	Tulare	CA	93274	M	1	9	Hispanic	Agriscience An.	
21744 Road 152	Tulare	CA	93274	F	5	13	White	Science Agriscience	
1103 Meridian Ct.	Tulare	CA	93274	F	4	12	White	Agriscience	
2164 N Adams	Tulare	CA	93274	F	3	11	White	Agriscience An.	
1567 S. Spruce St.	Tulare	CA	93274	M	4	12	White	Science An.	
1567 S. Spruce	Tulare	CA	93274	M	4	12	White	Science Agriscience	
1264 N. Brentwood	Tulare	CA	93274	F	2	10	White	Agriscience	
1212 Chandler Court	Tulare	CA	93274	F	3	11	White	Agriscience	
22901 Rd. 140	Tulare	CA	93274	M	2	10	White	Ag Mech. Agriscience	
1430 Alpine	Tulare	CA	93274	F	1	9	Black	Agriscience	
917 Lynora	Tulare	CA	93274	M	5	13	White	Ag Mech. Agriscience	
1729 Hatch	Tulare	CA	93274	F	3	11	White	Agriscience	
841 Lyndale	Tulare	CA	93274	F	2	12	White	O.H.	

E Estate	Tulare	CA	93274	F	6	14	White	Agriscienc e
591 W Bardsley	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
13044 Ave. 230	Tulare	CA	93274	M	2	11	White	Ag Mech.
327 N Pine	Tulare	CA	93274	F	1	12	Hispanic	O.H.
1201 Kristen Circle	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt Agriscienc e
1199 Ben Franklin	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
684 N F Street	Tulare	CA	93274	F	2	10	White	Agriscienc e
315 Mark Twain	Tulare	CA	93274	F	2	10	White	Agriscienc e
137 N E Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
1036 N Sacramento	Tulare	CA	93274	M	1	10	Hispanic	Ag Mech. Agriscienc e
1264 N. Brentwood	Tulare	CA	93274	F	2	10	White	Agriscienc e
Salida Palce	Tulare	CA	93274	F	6	14	Hispanic	Agriscienc e
1047 Cupertino	Tulare	CA	93274	F	3	11	Hispanic	Ag Bus Mgt
1170 Petaluma	Tulare	CA	93274	M	4	12	White	Ag Mech. Agriscienc e
1819 Plymouth	Tulare	CA	93274	F	4	12	Hispanic	Agriscienc e
22225 Road 152	Tulare	CA	93274	F	5	13	White	Ag Mech. Agriscienc e
435 N. Gem	Tulare	CA	93274	M	2	10	White	An. Science Agriscienc e
684 N F Street	Tulare	CA	93274	F	6	14	White	Agriscienc e
3766 N Colpein	Tulare	CA	93274	M	2	10	White	Agriscienc e
2070 Hatch	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc e
590 N Palm	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc e
416 Jackson	Tulare	CA	93274	M	2	10	White	Ag Mech. Agriscienc e
2111 Delaware	Tulare	CA	93274	M	2	10	Hispanic	Agriscienc e
434 Warren	Tulare	CA	93274	F	2	10	White	Agriscienc e
1893 Stage Coach Ct.	Tulare	CA	93274	M	3	11	Hispanic	Ag Mech. Agriscienc e
1629 E. Walnut Ave.	Tulare	CA	93274	M	2	10	White	Agriscienc e
1824 Sundance	Tulare	CA	93274	F	3	11	Hispanic	Ag Bus Mgt Agriscienc e
4031 W. Damsen	Visalia	CA	93271	F	2	10	Asian/Pa c	Agriscienc e
1355 Cabernet Dr	Tulare	CA	93274	M	2	11	White	Ag Mech. Agriscienc e
1896 E. Bridger Ave.	Tualre	CA	93274	F	2	10	White	Agriscienc e
23361 Rd. 126	Tulare	CA	93274	M	3	11	White	Ag Mech.
1951 Vintage	Tulare	CA	93274	F	4	12	White	Ag Bus Mgt Agriscienc e
1722 Champagne St.	Tulare	CA	93274	F	2	10	White	An. Science
3860 Ave 232	Tulare	CA	93274	F	3	11	White	

537 Coral St.	Tulare	CA	93274	F	2	10	Hispanic	Agriscience An.
1400 Vintage	Tulare	CA	93274	F	6	14	White	Science
1400 Vintage	Tulare	CA	93274	M	2	10	White	Agriscience
25320 Road 44	Tulare	CA	93274	M	2	10	White	Ag Mech. An.
263 Colorado	Tulare	CA	93274	F	3	11	White	Science
209 S Moraine Street	Tulare	CA	93274	M	3	11	Hispanic	Ag Mech. Agriscience
935 S R Street	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
1303 E. Sequoia	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
952 South T. Street	Tulare	CA	93274	M	4	12	Hispanic	O.H.
1154 W Sonora	Tulare	CA	93274	M	4	12	Hispanic	Ag Mech. Agriscience
1184 Santa Monica	Tulare	CA	93274	F	2	10	Hispanic	Agriscience An.
1969 Cambridge Circle	Tulare	CA	93274	M	3	11	White	Science
935 Westfield	Tulare	CA	93274	M	3	11	White	Ag Mech. An.
25979 Road 84	Tulare	CA	93274	F	4	12	White	Science An.
2915 W Prosperity	Tulare	CA	93274	M	3	11	Hispanic	Science
2275 N. Polk St.	Tulare	CA	93274	M	4	12	White	Ag Mech.
1148 S. Vetter Dr.	Tulare	CA	93274	M	4	12	Hispanic	Ag Bus Mgt Agriscience
21356 Ave. 245	Lindsay	CA	93274	F	2	10	White	Agriscience
874 N. Sacramento	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
1700 S. Irwin St.	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
13870 Ave. 228	Tulare	CA	93274	M	2	10	White	Agriscience
852 South Vetter	Tulare	CA	93274	M	3	12	Hispanic	Ag Mech. Agriscience
5162 Ave 252	Tulare	CA	93274	F	2	11	White	Agriscience
16131 Road 80	Tulare	CA	93274	M	4	12	White	Ag Mech.
PO Box 1890	Tulare	CA	93274	M	3	11	White	Ag Mech.
591 B South Oakmore	Tulare	CA	93274	F	5	13	White	Ag Bus Mgt An.
14727 Rd. 96	Tipton	CA	93272	F	4	12	White	Science An.
1408 Stockham	Tulare	CA	93274	F	3	11	Hispanic	Science
2155 E. Alpine Ct.	Tulare	CA	93274	F	3	11	Hispanic	Ag Bus Mgt
4703 Ave 229	Tulare	CA	93274	F	4	12	Hispanic	Ag Bus Mgt An.
1253 Malibu	Tulare	CA	93274	F	2	11	White	Science An.
945 N Malaleb	Tulare	CA	93274	F	3	11	White	Science
PO Box 2144	Tulare	CA	93274	M	2	10	White	Ag Mech. Agriscience
2149 Shell Ct.	Tulare	CA	93274	M	2	10	White	Agriscience
777 E. King Ave. Apt. A	Tulare	CA	93274	F	3	11	White	O.H.

1775 Lewis Lane	Tulare	CA	93274	F	5	13	White	An. Science
PO Box 591	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1944 Vintage	Tulare	CA	93274	F	2	11	White	O.H. Agriscience
PO Box 1102	Tulare	CA	93274	F	1	9	White	Agriscience
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agriscience
591 W Bardsley	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. Agriscience
PO Box 448	Tulare	CA	93275	F	1	9	White	Agriscience
PO Box 448	Tulare	CA	93275	M	1	9	White	Agriscience
645 So S Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
2618 Arciejo	Tulare	CA	93274	M	2	10	White	Ag Mech. Agriscience
427 W League	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
19302 Road 28	Tulare	CA	93274	M	2	11	White	Ag Mech. Agriscience
1681 Lewis Lane	Tulare	CA	93274	F	2	10	White	Agriscience
20429 Rd. 124	Tulare	CA	93274	M	2	10	White	Agriscience
14790 Ave. 224	Tulare	CA	93274	F	2	11	Hispanic	O.H. Agriscience
263 S. Latimer	Tulare	CA	93274	F	3	11	White	Ag Bus Mgt Agriscience
530 Coral St.	Tulare	CA	93274	M	2	10	White	An. Science
1939 Irving Circle	Tulare	CA	93274	F	3	11	White	O.H. Agriscience
1410 Cottonwood	Tulare	CA	93274	F	4	12	White	An. Science
13861 Rd. 120	Tipton	CA	93272	F	5	13	White	An. Science
13857 Rd. 120	Tipton	CA	93272	F	3	11	White	An. Science ^x
1126 Damron	Tulare	CA	93274	M	3	11	White	Ag Mech. Agriscience
591 West Bardsley	Tulare	CA	93274	F	2	10	White	Agriscience
6508 Ave 260	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
110 S. Sacramento St.	Tulare	CA	93274	M	2	10	Hispanic	Ag Mech. An. Science
700 W. Alpine Ave	Tulare	CA	93274	M	3	12	Hispanic	Agriscience
922 Petaluma St.	Tulare	CA	93274	F	2	10	Hispanic	An. Science
1267 N H Street	Tulare	CA	93274	M	3	11	White	An. Science
1267 N H Street	Tulare	CA	93274	M	5	13	White	Agriscience
1120 N Petaluma	Tulare	CA	93274	F	2	10	Hispanic	Agriscience
375 Mendoncino Court	Tulare	CA	93274	M	3	12	White	Ag Mech. An. Science
10002 Ave. 144	Tipton	CA	93272	F	4	12	White	Ag Bus Mgt Agriscience
1028 N. Greenwood	Tulare	CA	93274	F	3	11	White	Agriscience
19231 Balaam Dr.	Tulare	CA	93274	M	2	10	Hispanic	Agriscience

1190 Callison	Tipton	CA	93272	M	3	11	White	Ag Mech.
18150 Road 112	Tulare	CA	93274	M	2	10	White	Agriscienc
12727 Ave 240	Tulare	CA	93274	F	1	9	White	e Agriscienc
736 South D	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
2514 La Paloma	Tulare	CA	93274	F	1	9	White	e Agriscienc
652 Alpha	Tulare	CA	93274	M	1	10	White	e Agriscienc
14727 Road 96	Tipton	CA	93272	F	1	9	White	e Agriscienc
592 Iverness	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.
415 Tipton	Tipton	CA	93272	M	1	9	Hispanic	e Agriscienc
PO Box 552	Tipto	CA	93272	M	2	12	Hispanic	Ag Mech.
13416 Road 36	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
591 W Bardsley	Tulare	CA	93274	M	1	9	White	e Agriscienc
PO Box 1901	Tulare	CA	93275	F	5	13	White	An. Science
2450 W Pleasant	Tulare	CA	93274	F	5	13	White	Ag Bus Mgt
1620 Levin	Tulare	CA	93274	M	1	9	White	e Agriscienc
1262 Salome	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
132 Gail	Tulare	CA	93274	F	1	9	Am. Ind.	e Agriscienc
2059 Poppywood	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
505 S H Street	Tulare	CA	93274	F	1	9	White	e Agriscienc
1101 N Manor	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.
11523 Ave 266	Tulare	CA	93274	M	1	12	White	Ag Mech.
2080 Shell Court	Tulare	CA	93274	M	1	10	White	e Agriscienc
1883 Harmon Circle	Tulare	CA	93274	M	1	9	White	e Agriscienc
544 N F Street	Tulare	CA	93274	F	1	10	White	e Agriscienc
1186 Belmont	Tulare	CA	93274	M	1	9	White	e Agriscienc
359 S Pratt	Tulare	CA	93274	F	1	9	White	e Agriscienc
PO Box 16	Tulare	CA	93274	M	1	9	White	e Agriscienc
430 South C Street	Tulare	CA	93274	F	2	10	Am. Ind.	e Agriscienc
23968 Road 68	Tulare	CA	93274	F	2	10	Hispanic	e Agriscienc
964 Denair Street	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech.
Po Box 16	Pixley	CA	93256	M	1	9	Hispanic	e Agriscienc
143 Mitchell	Tulare	CA	93274	M	1	9	White	Agriscienc

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339 Beacon	Tulare	CA	93274	F	1	9	White	Agriscienc	
907 Latimer	Tulare	CA	93274	M	1	12	White	e An. x.	
1651 Estrella	Tulare	CA	93274	M	3	12	White	Science	
2433 Crystal Springs	Tulare	CA	93274	F	1	12	Hispanic	Agriscienc	
1421 Pleasant	Tulare	CA	93274	M	1	12	Hispanic	e O.H.	
1318 East Ash	Tulare	CA	93274	M	1	9	Hispanic	Ag Bus Mgt	
809 North M Street	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc	
591 W Bardsley	Tulare	CA	93274	M	1	9	White	e	
591 West Bardsley	Tulare	CA	93274	M	1	9	White	Agriscienc	
591 w Bardsley	Tulare	CA	93274	M	1	9	Hispanic	e	
1328 E Academy	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
591 West Bardsley	Tulare	CA	93274	F	1	9	White	e	
396 Gemini	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
396 Gemini	Tulare	CA	93274	M	1	9	Hispanic	e	
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Agriscienc	
163 White Street	Tulare	CA	93274	M	1	12	Hispanic	e	
14727 Ave 192	Tulare	CA	93274	F	1	9	White	Ag Mech.	
16131 Road 80	Tulare	CA	93274	F	1	9	White	Agriscienc	
1819 Plymouth	Tulare	CA	93274	M	1	9	Hispanic	e	
525 S Forest	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
2140 E Bardsley	Tulare	CA	93274	M	1	12	White	e	
591 W Bardsley	Tulare	CA	93274	M	1	9	White	Ag Mech.	
711 N Milner	Tulare	CA	93274	M	1	9	White	Agriscienc	
709 E Mariposa	Tulare	CA	93274	M	1	9	Hispanic	e	
1963 Weyrich	Tulare	CA	93274	M	1	11	Hispanic	Agriscienc	
1833 S Irwin	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech.	
PO Box 641	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	e	
985 Ladwan	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.	
PO Box 936	Pixley	CA	93274	M	1	9	Hispanic	Agriscienc	
1446 Cypress	Tulare	CA	93274	F	1	9	Hispanic	e	
1197 North A	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	

23805 Road 68	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
3342 Ave 199	Tulare	CA	93274	F	1	10	Hispanic	e Agriscienc
530 Boxwood	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
1570 Palomino	Tulare	CA	93274	F	1	9	White	e Agriscienc
2349 Azaela	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
PO Box 4445	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
PO Box 610	Tulare	CA	93274	M	1	10	White	e Agriscienc
1897 Cassidy	Tulare	CA	93274	F	1	9	White	e Agriscienc
2400 Katy Meadow	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
1140 Chardonnay	Tulare	CA	93274	F	1	10	Hispanic	e Agriscienc
617 S S Street	Tulare	CA	93274	F	1	10	Hispanic	e Agriscienc
15046 Ave 224	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
2704 North Airport	Pixley	CA	93256	F	1	9	Hispanic	e Agriscienc
PO Box 777	Tulare	CA	93274	M	1	9	White	e Agriscienc
591 W Bardsley	Tulare	CA	93274	F	1	12	Asian/Pa c	e Agriscienc x.
1900 Levin	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
1603 Oakdale	Tulare	CA	93274	M	1	11	White	Ag Mech.
1817 Sandalwood	Tulare	CA	93274	M	1	12	White	Ag Mech.
22911 Brian Road	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech.
1520 Calaveras	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
PO Box 436	Tulare	CA	93274	M	1	9	White	e Agriscienc
1735 Rosa Ave	Tulare	CA	93274	F	1	10	White	e Agriscienc
829 Blackstone	Tulare	CA	93274	F	1	9	Am. Ind.	e Agriscienc
2120 E Owens	Tulare	CA	93274	M	2	11	White	Ag Mech.
491 Buttonwood	Tulare	CA	93274	M	3	12	Hispanic	Ag Mech.
962 S Mammoth	Tulare	CA	93274	F	1	10	White	e Agriscienc
386 Jackson	Tulare	CA	93274	F	1	9	White	e Agriscienc
591 West Bardsley	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
500 Peachwood	Tulare	CA	93274	F	1	9	Hispanic	e Agriscienc
499 West Diamond	Tulare	CA	93274	M	1	9	Hispanic	e Agriscienc
602 S Spruce	Tulare	CA	93274	F	1	10	White	e Agriscienc

1789 Dalton	Tulare	CA	93274	F	1	9	White	Agriscience
732 E King	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
933 West Elm	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
420 Meadow	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
642 Manor Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1865 Burton	Tulare	CA	93274	M	1	9	White	Agriscience
157 Montano De Oro	Tulare	CA	93274	M	1	11	Hispanic	An. Science
4660 Ave 288	Tulare	CA	93274	M	2	11	Hispanic	Ag Mech. Agriscience
1533 Etna	Tulare	CA	93274	F	1	10	Hispanic	Agriscience
955 South K	Tulare	CA	93274	F	1	9	White	Agriscience
591 W Bardsley	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
428 Bardsley	Tulare	CA	93274	F	1	10	White	Agriscience
319 South D	Tulare	CA	93274	F	1	9	Hispanic	An. Science
241 South E	Tulare	CA	93274	F	1	11	Hispanic	Agriscience
8145 Road 128	Pixley	CA	93256	F	1	9	Hispanic	Agriscience
454 South E	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
1944 Vontage	Tulare	CA	93274	F	1	9	White	Agriscience
530 S West Street	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
591 West Bardsley	Tulare	CA	93274	M	1	10	Black	Agriscience
1327 E Sequioa	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
444 W Meadon	Tulare	CA	93274	M	1	10	Hispanic	Agriscience
237 Montana De Oro	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
19577 Road 96	Tulare	CA	93274	M	1	9	White	Agriscience
1902 Theodore	Tulare	CA	93274	M	1	12	White	Ag Bus Mgt Agriscience
1116 Verdelino	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
22991 Road 140	Tulare	CA	93274	F	1	10	Hispanic	Agriscience
906 East San Joaquin	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. An. Science
591 W Bardsley	Tulare	CA	93274	M	1	11	White	Agriscience
3000 Bright	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
2056 Stagecoach	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
2065 Stagecoach	Tulare	CA	93274	F	2	10	Hispanic	Agriscience

498 Dogwood	Tulare	CA	93274	F	2	10	Hispanic	Agriscienc e
351 N West	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
PO Box 213	Tulare	CA	93274	M	1	11	White	Ag Mech. Agriscienc e
921 Owens	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
1921 Theador	Tulare	CA	93274	M	1	9	Black	Agriscienc e
PO Box 1947	Tulare	CA	93274	M	1	9	White	Agriscienc e
317 S O	Tulare	CA	93274	F	1	11	White	An. Science Agriscienc e
590 S Elm	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
889 South Ann	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
889 South Ann	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscienc e
351 N Ann	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
1867 Trebbiano	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc e
1970 E Sunset	Tulare	CA	93274	F	1	9	White	Agriscienc e
1779 Sandalwood	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
542 South U Street	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech.
1744 Mt Whitney	Tulare	CA	93274	F	1	11	Hispanic	Ag Bus Mgt Agriscienc e
1929 Pyramid	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
PO Box 595	Pixley	CA	93256	M	1	9	Hispanic	Agriscienc e
1553 E Sierra	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
881 Cardoza	Tulare	CA	93274	F	1	11	Hispanic	Agriscienc e
645 San Diego	Tulare	CA	93274	M	1	12	Hispanic	Ag Mech. Agriscienc e
700 W Alpine	Tulare	CA	93274	M	1	9	Hispanic	An. Science Agriscienc e
22201 Road 60	Tulare	CA	93274	F	1	12	Am. Ind.	Agriscienc e
818 S Silva	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc e
1187 Cupertino	Tulare	CA	93274	M	1	10	Hispanic	An. Science Agriscienc e
11141 Ave 264	Tulare	CA	93274	F	1	11	White	Agriscienc e
438 W Meadow	Tulare	CA	93274	M	1	9	Black	Agriscienc e
1155 Cupertino	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc e
PO Box 1024	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc e
24754 Road 152	Tulare	CA	93274	M	1	9	Hispanic	An. Science Agriscienc e
740 S Q Street	Tulare	CA	93274	F	1	11	Hispanic	Science
581 E Oneals	Tulare	CA	93274	M	1	10	Hispanic	Agriscienc

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379 Hampton	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
PO Box 265	Tulare	CA	93274	F	1	9	Hispanic	e	
PO Box 998	Tulare	CA	93274	M	1	9	Black	Agriscienc	
905 Palo Alto	Tulare	CA	93274	M	1	9	Hispanic	e	
857 Petaluma	Tulare	CA	93274	M	1	9	White	Agriscienc	
1550 Pepperwood	Tulare	CA	93274	F	1	9	Hispanic	e	
400 S Blackstone	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
PO Box 555	Tipton	CA	93272	F	1	9	Hispanic	e	
22948 Road 130	Tulare	CA	93274	M	1	9	White	Agriscienc	
1150 Cabrillo	Tulare	CA	93274	F	1	9	Hispanic	e	
PO Box 335	Tulare	CA	93274	F	1	9	White	Agriscienc	
PO Box 44	Tulare	CA	93274	F	1	9	White	e	
107 S Dirsadero	Visalia	CA	93291	F	1	9	Black	e x.	
1295 Mathais	Tulare	CA	93274	M	1	9	Hispanic	Agriscienc	
725 Bender Court	Tulare	CA	93274	F	1	9	Hispanic	e	
14562 Ave 256	Visalia	CA	93292	M	1	9	White	Agriscienc	
PO Box	Pixley	CA	93256	F	1	9	Hispanic	e	
1803 Rithchild	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
PO Box 1	Tulare	CA	93274	F	1	9	Hispanic	e	
1831 Sandalwood	Tulare	CA	93274	F	1	9	White	Agriscienc	
1866 Harmon Circle	Tulare	CA	93274	M	1	11	Black	Ag Mech.	
1785 Mono Court	Tulare	CA	93274	F	1	9	White	Agriscienc	
200 Mitchell	Tulare	CA	93274	F	1	9	White	e	
14760 Ave 208	Tulare	CA	93274	F	1	11	White	Ag Bus Mgt	
1328 E Academy	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
2580 Swanson	Tulare	CA	93274	F	1	12	Hispanic	O.H.	
995 Ladawna	Tulare	CA	93274	F	1	10	Hispanic	Agriscienc	
PO Box 112	Tulare	CA	93274	M	3	12	Hispanic	Ag Mech.	
936 S Q Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscienc	
1734 Charles Krug	Tulare	CA	93274	M	1	9	Hispanic	e	
2180 Shell Court	Tulare	CA	93274	F	1	9	White	Agriscienc	

									e
4200 W Orchard	Tulare	CA	93274	M	1	9	White	Agriscience	
873 N Manor	Tulare	CA	93274	M	1	9	White	Agriscience	
1780 Evergreen	Tulare	CA	93274	M	1	10	White	Agriscience	
1025 E Beverly	Tulare	CA	93274	M	1	10	Hispanic	Agriscience	
324 Hemingway	Tulare	CA	93274	M	2	10	White	Agriscience	
970 E Academy	Tulare	CA	93274	M	1	9	White	Agriscience	
651 Tuohy	Tulare	CA	93274	F	1	9	White	Agriscience	
873 Manor	Tulare	CA	93274	M	1	9	White	Agriscience	
1124 Blue Oak	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.	
1221 Cottonwood	Tulare	CA	93274	F	1	9	Hispanic	Agriscience	
1516 Cambridge	Tulare	CA	93274	F	1	10	Black	Agriscience	
13870 B Ave 228	Tulare	CA	93274	F	1	9	White	Agriscience	
968 Alterwood	Tulare	CA	93274	M	1	9	White	Agriscience	
1337 Birchwood	Tulare	CA	93274	M	1	9	White	Agriscience	
316 E Lois	Tulare	CA	93274	F	1	9	White	Agriscience	
1334 Coehlo	Tulare	CA	93274	F	1	9	White	Agriscience	
1836 Pleasant	Tulare	CA	93274	M	1	10	Black	Agriscience	
591 West Bardsley	Tulare	CA	93274	M	1	10	Black	Ag Mech.	
1125 Greenwood	Tulare	CA	93274	F	4	12	White	An.	
621 Blackstone	Tulare	CA	93274	F	1	10	White	Science	
14999 Ave 232	Tulare	CA	93274	M	1	9	White	Agriscience	
4470 Ave 230	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.	
12081 Ave 200	Tulare	CA	93274	M	1	9	White	Agriscience	
2019 Alcott	Tulare	CA	93274	M	1	11	White	Ag Mech.	
2132 Marvin	Tulare	CA	93274	F	1	9	Hispanic	Agriscience	
PO Box 1947	Tulare	CA	93274	M	1	9	Hispanic	Agriscience	
355 Mitchell	Tulare	CA	93274	F	1	9	White	Agriscience	
20969 Road 52	Tulare	CA	93274	M	1	9	Hispanic	Agriscience	
PO Box 786	Pixley	CA	93256	F	1	9	Hispanic	Agriscience	
9797 A Ave 196	Tulare	CA	93274	F	1	11	White	O.H.	
PO Box 1113	Tulare	CA	93275	M	1	9	White	Agriscience	

591 West Bardsley	Tulare	CA	93274	M	1	10	Hispanic	Ag Mech.
894 Spruce	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1973 Harvard	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
472 S Becky	Tulare	CA	93274	M	2	10	Hispanic	Agriscience
700 E Prosperity	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
PO Box 211	Pixley	CA	93256	M	1	11	Hispanic	Ag Mech.
1201 Kristen Circle	Tulare	CA	93274	M	1	9	Asian/Pacific	Agriscience
748 South Walter	Tulare	CA	93274	M	1	9	White	Agriscience
669 Coral	Tulare	CA	93274	M	1	9	White	Agriscience
14538 Ave 256	Tulare	CA	93274	M	1	9	White	Agriscience
14538 Ave 256	Tulare	CA	93274	F	1	9	White	Agriscience
14538 Ave 256	Tulare	CA	93274	F	1	9	White	Agriscience
899 S Latimar	Tulare	CA	93274	F	1	9	White	Agriscience
PO Box 225	Tulare	CA	93275	F	1	9	Hispanic	Agriscience
2015 W Hatch	Tulare	CA	93274	F	1	11	White	An. Science
319 South F Street	Tulare	CA	93274	M	1	11	Hispanic	Ag Mech.
22401 Rd 20	Tulare	CA	93274	F	1	9	White	Agriscience
1633 Zumwalt	Tulare	CA	93274	M	1	9	White	Agriscience
1142 Prosperity	Tulare	CA	93274	M	1	9	White	Agriscience
182 Cumberland	Tulare	CA	93274	M	1	9	Hispanic	Agriscience
27843 Road 68	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
1356 W Elm	Tulare	CA	93274	F	1	11	Hispanic	An. Science
1240 Mount Langley	Tulare	CA	93274	F	1	9	White	Agriscience
869 Belmont	Tulare	CA	93274	M	1	11	White	Ag Mech.
PO Box 1295	Tulare	CA	93274	F	1	9	White	Agriscience
1500 Crater Lake	Tulare	CA	93274	M	1	9	White	Agriscience
1905 Alexandria	Tulare	CA	93274	F	1	9	White	Agriscience
1905 Alexandria	Tulare	CA	93274	F	1	9	White	Agriscience
421 W Elm	Tulare	CA	93274	F	1	10	White	Agriscience
PO Box 846	Tulare	CA	93274	F	1	12	Hispanic	An. Science
1760 Estrella	Tulare	CA	93274	F	1	9	White	Agriscience

672 N West	Tulare	CA	93274	M	1	10	Hispanic	Ag Mech.
348 N Santa Clara	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
124 N B Street	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
17645 South I Drive	Tulare	CA	93274	M	1	9	White	Agriscience
123 Colorado	Tulare	CA	93274	M	1	10	White	Agriscience
24172 Road 140	Tulare	CA	93274	M	1	9	White	Agriscience
767 E Ventura	Tulare	CA	93274	F	2	10	White	Agriscience
200 S Salida	Tulare	CA	93274	F	1	9	Hispanic	Agriscience
200 S Salida	Tulare	CA	93274	F	2	12	Hispanic	O.H. Agriscience
413 Laspina	Tulare	CA	93274	M	1	9	White	Agriscience

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6. Agriculture Program

Each current Full-time credentialed agriculture program teachers may choose to work up to two additional months beyond the 185 day school year, each year, at their daily rate of pay (one month equals 20 work days at six (6) hours and 50 minutes per day for a total of 273 hours). Seventy-three of the 273 hours can be used during the regular school year and the remaining 200 hours are to be utilized during non-school days in June, July, and August. All hours worked must be completed at a District approved location. All hours worked must be served for agricultural related purposes including, but not limited to, FFA activities and project supervision of major student projects. All hours worked under this provision must be pre-approved by the Superintendent or his/her designee in order to be counted. Each Agriculture teacher must provide the District Office designee with a monthly log which must include date, 104

Effective September 1, 2008, credentialed agricultural program teachers hired on or after September 1, 2008, may choose to work up to 137 hours outside their regular 185 day school year contract.

These hours will be compensated at the In-service Education rate. In-service Education rate for certificated staff approved within the District's guidelines shall be compensated at 75% of Step I on Column II of the Adult School Hourly Salary Schedule. For the 2008-2009 school year the rate is \$22.76 per hour. All 137 hours are to be utilized during non-school days in June, July, and August. All hours worked must be served for agricultural related purposes including, but not limited to, FFA activities and project supervision of major student projects. All hours worked under this provision must be pre-approved by the Superintendent or his/her designee in order to be counted. Each Agriculture teacher must provide the District Office designee with a monthly log which must include date, time, student names, project description, and location.

Agriculture Department

Transportation Request 2009-2010

Vans/Cars

	Date	Pick-up	Return	Number	Trip
<u>Destination</u>	<u>Needed</u>	<u>Date/Time</u>	<u>Date/Time</u>	<u>of Students</u>	<u>Number</u>
Scicon	Oct 2-4	10-2/3pm	10-4/ 5pm	10	5
Corcoran	Oct 17	10-17/3pm	10-18/ 5pm	9	8
Riverdale	Oct 22	10-22/8pm	10-22/9pm	9	12
Hanford	Nov 5	11-5/3pm	11-7/5pm	9	31
Fresno State	Nov 7	11-5 / 3pm	11-7/ 7pm	9	10
Lemoore	Nov 14	11-13/3pm	11-14 / 5pm	9	18
Bakersfield	Dec 10	12-10 / 1pm	12-10 / 8pm	8	4
Porterville	Dec 12	12-11 / 3pm	12-12 / 5pm	9	1
Reedley	Jan 9	1-8 / 7am	1-9 / 5pm	9	13
Exeter	Jan 21	1-21/ 3pm	1-21 / 8pm	9	
Visalia	Feb 4	2-4 / 1pm	2-4 / 8pm	9	15

Fresno	Feb 6	2-5/3pm	2-6/ 8pm	15	16
Arbuckle	Feb 6	2-6/3pm	2-7/9pm	9	21
Bakersfield	Feb 27	2-26/ 3pm	2-27 / 5pm	15	18
UC Davis	March 5-6	3-5 / 7am	3-6 / 10pm	27	30
Hanford	Mar 11	3-11 / 1pm	3-11 / 6pm	18	
Wasco	Mar 13	3-12 / 3pm	3-13 / 6pm	18	
Visalia	Mar 19	3-19 / 8am	3-19 / 8pm	18	23
Fresno	April 15-16	4-15 / 10am	4-16 / 2pm	9	28
Fresno	April 17-20	4-16 / 3pm	4-20 / 5pm	36	28
Cal Poly	April 30- May 1	4-30 / 3pm	5-1 / 10pm	45	29
Cal Poly	June 20-24	6-18 / 1pm	6-24 / 5pm	2 cars	33

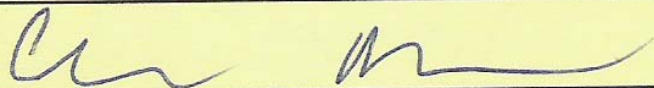
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Buses

A.	Date	Needed	Depart	Number	Trip
	<u>Destination</u>			<u>Return</u>	<u>of Students</u>
	<u>Num</u>				
Hanford	Oct 14	4PM	9PM	120	6
Fresno State	Nov 3	8AM	3PM	30	9
Lemoore	Nov 5	7AM	3PM	100	11
Reedley College	April 10	6:30AM	6PM	50	24
Fresno State	April 17	6:30AM	7PM	70	27

aa.

CALIFORNIA AGRICULTURAL⁸⁷
TEACHERS' ASSOCIATION



SERVING AGRICULTURE BY TEACHING
2009/2010 ACTIVE MEMBER

Voting Card



Tulare High School Agriculture
Tulare FFA
591 West Bardsley
Tulare, CA 93274
(559) 687-7390

bb.

Department Meeting Minutes

May 17, 2010

Members Present: Dave Caetano, Mike Mederos, Shay Williams, Frank Marinelli, Chris McKenna, Kevin Koelewyn, Jennifer Sousa, FSU Student Teacher Erin Hanger

1) Awards Banquet- The awards banquet will be held this Friday, May 21st at 6:30 pmin the Tulare Union High School auditorium. Kevin and Shay handed out a list of the students who are getting recognized as star farmers, proficiencies and achievement points. It was decided that each teacher will present the team that they coached for judging teams. Bags for these winners have been ordered. Shay will also add a list of students who are receiving their FFA letter.

Cc: Dave Caetano, Frank Marinelli, Kevin Koelewyn, Mike Mederos, Chris McKenna, Jennifer Sousa, Shay Williams, Howard Berger, Judy Coble, David Eddy, Charlie Pitligano, Ken Harris, Michelle Nunley, Isidro Carrasco, Lucy Van Scyoc, Dept. File, Erin Hanger



Tulare High School Agriculture
Tulare FFA
591 West Bardsley
Tulare, CA 93274
(559) 687-7390

bb.

Department Meeting Minutes

March 1, 2010

Members Present: Mike Mederos, Shay Williams, Frank Marinelli, Jennifer Sousa, FSU Student Teacher Erin Hanger

- 1) Judging Teams- The following is the schedule for judging teams: Dairy Products is Tuesday and Thursday at 3:30, Horse Judging is Tuesday and Thursday at 6:00 pm, and BIG is on Fridays at 7 am. There is no Pest Management team.
- 2) An e-mail has been going around that says it is sent from Garth. Be aware of this e-mail, because it can contain a virus.
- 3) Board Presentation- All teachers need to look over the information and let Dave know of any changes that may need to be made by today or tomorrow. Dave also needs a list of students who are on the judging teams.
- 4) The Ag Advisory meeting will be held March 17th at 5:00 pm, instead of March 10 as was originally planned.
- 5) Dave needs help this weekend, as well as ten to twelve students to help cook lunch for the Choboian Race.
- 6) The purchase of a vehicle with the Boosters help needs to be decided quickly. It was the consensus of the members present to purchase a suburban or possibly an extended Excursion. A suburban was thought to be better for transporting more students to events and activities. It was also mentioned that the department not buy something new, but a vehicle with no more than thirty thousand miles. It was also discussed that there will be a 50/50 split with the Boosters and the department for the purchase of the vehicle.

7) Other Business

- i. The staff needs to start working on the department list that was discussed a month ago.
- ii. There will be a sign-making meeting in Shay's room Monday, March 8 at 3:30 to make signs for the Donkey Basketball.
- iii. For the Donkey Basketball game, we will be selling Linguica sandwiches, chips and soda.
- iv. State Convention paperwork had to be turned in, but the department will be getting a late fee. Teachers are asked to check the most recent list to inform those students who still owe either paperwork or money for the convention.
- v. State Degree Banquet- Letters were sent out to students via the mail, and the deadline was today. There will be a list made up of students who may need to still turn in their money and reservations.
- vi. Congratulations to Brianda Louro and Reuben Perez. They were elected to the respected offices of Regional Vice-President, and Regional Sentinel at the Regional meeting on February 27.
- vii. The staff needs to go over the classes for next year.
- viii. Summer Conference- Teachers can pay now and get reimbursed later. Please turn your registration in to Dave. bb.
- ix. The Nunley Family lost all of their belongings this weekend in a devastating house fire. It was agreed to send a Target gift card of about one-hundred dollars to help out the family. Jennifer will take care of this tomorrow, and everyone in the department will chip in to purchase the gift card.

bb.

Cc: Dave Caetano, Frank Marinelli, Kevin Koelewyn, Mike Mederos, Chris McKenna, Jennifer Sousa, Shay Williams, Howard Berger, Judy Coble, David Eddy, Charlie Pitligano, Ken Harris, Dept. File, Erin Hanger



Tulare High School Agriculture
Tulare FFA
591 West Bardsley
Tulare, CA 93274
(559) 687-7390

Department Meeting Minutes

May 24, 2010

Members Present: Dave Caetano, Mike Mederos, Shay Williams, Frank Marinelli, Chris McKenna, Kevin Koelewyn, Jennifer Sousa, FSU Student Teacher Erin Hanger, Tulare Western Head Counselor Luanne Sozinho

- 1) Senior Forms- Senior survey forms need to be turned in to Dave as soon as possible.
- 2) Awards Banquet- The awards banquet was held Friday evening, May 21, 2010, and a lot of compliments were given to the teachers by the attendees. The Ag teachers discussed that the banquet time needs to be shortened, with possibly holding a separate banquet for only the seniors and scholarship winners. There was also discussion about changing the judging team presentations next year, as well as discussion about the introductory slide show.
- 3) Summer Meeting- It was discussed that the Ag teachers possibly might hold their summer meeting on June 8th and 9th.
- 4) Other Items
 - i. Pigs will be coming in, and students, beginning with seniors, will get to choose their pigs tomorrow.
 - ii. Frank will be taking the SEE program summer applications in today.

iii. Tomorrow after school, a gentleman will be coming to the school farm to train the teachers for the SEE program. Any person watching over the students in the SEE program need to be trained. Frank would also like a list of tasks from the teachers for the summer work program.

iv. Discount cards and money need to be turned in to Chris by Thursday.

v. Luanne discussed summer school with the teachers.

cc.

Cc: Dave Caetano, Frank Marinelli, Kevin Koelewyn, Mike Mederos, Chris McKenna, Jennifer Sousa, Shay Williams, Howard Berger, Judy Coble, David Eddy, Charlie Pitligano, Ken Harris, Michelle Nunley, Isidro Carrasco, Lucy Van Scyoc, Dept. File, Erin Hanger



TULARE JOINT UNION HIGH SCHOOL DISTRICT INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

H. Five Year Facility and Equipment Acquisition Schedule

<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
-------------	-------------	-------------	-------------	-------------

Improvement to Grounds and Sights 6100

-Build Livestock Lanes	-Finish Parking Lot -Seal Driveway -Develop new building plans	-Paint Fencing -Seal Asphalt -Secure new building plans	- Start construction of new facilities	
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Repair Equipment 5600

-Tractors & Equip. -	-Tractors & Equip. - - -- -	-Tractors & Equip. -Dairy Equip. -Livestock Equip. -Welding Equip. -Nursery Landscape Equip	-Tractors & Equip. -Dairy Equip. -Livestock Equip. -Welding Equip. -Nursery Landscape Equip	
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-Computer Hardware -Vehicles	-Computer Hardware -Vehicles
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cc.

***Tulare High School District Agriculture
Department Advisory Committee Meeting
August 31st , 2009***

Agenda

1. Welcome

2. Introductions
3. Approval of Minutes
4. National Convention Report -- Amanda M Brianda L
5. R-2 Report Numbers
6. Dairy & Farm Report
7. Replacement of Bill Faria
8. Learning Outcomes
9. COS Presentation -- Kris Costa
10. Program Review – November 18
11. SEE Work Experience Program
12. Next Meeting Date
13. Adjourn

ee.

***Tulare High School District Agriculture
Department Advisory Committee Meeting
April 27, 2010***

Agenda

14. Welcome

15. Introductions

16. Approval of Minutes

17. FFA Report – Amanda]



18. Ag Incentive Program Review Report

19. Farm and Dairy Report

20. COS Update - Kris

21. Five Year Plan

- Move to COS
- Improve Current Site

22. Next Meeting Date

23. Adjourn

ff.

ADVISORY COMMITTEE FOR AGRICULTURE EDUCATION
TULARE JOINT UNION HIGH SCHOOL DISTRICT
TULARE, CALIFORNIA

CONSTITUTION AND BY-LAWS

SECTION A - PURPOSE:

Article 1. The *Agriculture Advisory Committee* shall exist only during such time as it is authorized by the administration of the District and the Board of Education.

Article 2. The Advisory Committee may direct its advice and recommendations toward the teachers of Agriculture, the Administration or the Board of Education. It shall limit its activities to matters directly concerning the Agriculture Education Department.

Article 3. It shall be the duty of the Advisory committee to:

- a) Study the needs of the community related to the work of the Agriculture Department.
- b) Suggest and advise in areas of education pertaining to the objectives of the districts Agriculture Education program.
- c) Review the departments' ability to meet state standards in Agriculture Education.
- d) Review and evaluate facilities and equipment available for the use of instruction.
- e) Assist in evaluating the agriculture programs instruction, curriculum and course content being provided to the students.
- f) Study the programs of Agriculture Departments in other communities with the idea of encouraging the use in this community of those objectives and practices which may be applicable.
- g) Serve as an avenue of communication between the Agriculture Department and the community.
- h) Provide special committees to work with various groups participating in the Agriculture Education Program such as FFA members, Parents and the FFA Booster Club.

SECTION B – MEMBERSHIP

Article 1. There shall be a maximum of 18 members on the Agriculture Advisory Committee; at least one representing each of the core areas taught in the program: Livestock, Horticulture, Ag Mechanics, (Welding & Small Engines) Vet Science, Ag Business and representatives from the dairy and crop production industries.

Article 2. Members shall be selected in such a way that they represent a cross-section of the farm and business community served by the Agriculture Department.

Article 3. Members shall be nominated by the Agriculture Department Staff after consultation with the District Administration and Agriculture Advisory Committee and be approved by the Board of Education.

ff.

Article 4. Members shall be notified of their appointment by the District Superintendent.

Article 5. Members :

- (a) The term of membership shall be three years and can be renewed at the end of that term.
- (b) Be appointed and re-appointed as the need arises.
- (c) Have the only voting rights of the committee.

Article 6. The Chairman's membership may be as consecutive as the Agriculture Department Staff, District Administration, Board of Education and Agriculture Advisory Committee see fit.

Article 7. An individual shall lose membership if he/she fails to take an active role in the committee's activities or is no longer a positive contributing member of the committee. This decision will be made by the committee after consulting with the Agriculture Department Staff.

Article 8. The Board of Education shall appoint a Board Member and the District Superintendent or his representative to act as non-voting members of the committee.

Article 9. The Superintendent and Board Member will not be voting members but should attend all meetings.

Article 10. The Agriculture Education Staff will be non-voting members and will attend all meetings.

Article 11. In case of vacancies, new members shall be elected to fill those vacancies as set down in Article 3 of this section, but shall serve for only the time remaining of the vacancy filled.

Article 4. The Board of Education shall award a certificate of appreciation to each member fully completing his term of membership on the committee.

SECTION C – MEETINGS:

Article 1. The committee shall meet no less than three times per year. Meeting dates will be decided on by the Agriculture Department Chairman and the Agriculture Advisory Committee Chairman.

Article 2. Special meetings may be called during the year by the Chairman as necessary.

Article 3. Written notices of all regular meetings will be prepared and mailed to all committee members and guests by the Agriculture Department Chairman.

Article 4. The meetings shall not continue for more than two hours unless so voted by the committee members present. ff.

Article 5. A quorum will consist of nine voting members of the committee.

SECTION D – CHAIRMAN

Article 1. The Agriculture Advisory Committee Chairman shall be elected each fall from the group of members who have served on the existing committee for at least one year. His duties shall be:

- a) To preside at all committee meetings.
- b) To appoint special committees which may include persons other than the committee members?
- c) To call special meetings as needed.

Article 2. The duties of the Agriculture Department Chairman shall be:

- (a) To keep attendance records of committee members.
- (b) To keep a record if discussion, recommendations, motions passed and committee appointments.
- (c) To maintain a permanent record file of all committee activities.
- (d) To distribute minutes of the committee meetings and copies of other committee documents to committee members, Board of Education members, the principals, superintendent, Agriculture Staff, and others who may be concerned. The school facilities and office staff shall be available for this purpose.
- (e) To prepare the agenda for committee meetings if requested to do so by the committee.

SECTION E – CHANGES IN BY-LAWS AND CONSTITUTION:

Article 1. Suggestions for changes in the Constitution and By-laws must be presented to the chairmen and then must be approved by a majority vote of the committee membership. Then said suggestions must be passed by the Board of Education before being adopted.

Submitted by the Tulare Joint Union High School District Agriculture Department to The Agriculture Advisory Committee, Tulare, California, June 12, 2008.

APPROVED BY THE TULARE JOINT UNION HIGH SCHOOL DISTRICT:

1. AGRICULTURE ADVISORY COMMITTEE

(Date)

(Chairman)

2. BOARD OF EDUCATION

(Date)

(President)

gg. /hh.

TULARE JOINT UNION HIGH SCHOOL DISTRICT **INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION**

P. CURRENT YEARS BUDGET

	Allocation
AG. INCENTIVE:	
A.I. INSTRUCTIONAL SUPPLY - 4000	6,679.00

A.I. TRAVEL - 5000	2,000.00
A.I. REPAIRS - 5600	0.00
A.I. SITES - 6100	7,979.00
A.I. BUILDINGS - 6200	800.00
A.I. NEW EQUIP. - 6400	460.00
A.I. REPLACEMENT OF EQUIP. - 6500	6,030.00
A.I. TOTAL	23,948.00
VEA:	
VEA INSTRUCTIONAL SUPPLY - 4000	0.00
VEA TRAVEL - 5000	0.00
VEA REPAIRS - 5600	10,000.00
VEA SITES - 6100	0.00
VEA BUILDINGS - 6200	0.00
VEA NEW EQUIP. - 6400	0.00
REPLACEMENT EQUIP. - 6500	10,700.00
UNDESIGNATED	3,248.00
VEA TOTAL	23,948.00
A. TCOVE	3,880.00
DISTRICT SUPPLY - 4310	3,600.00
GRAND TOTAL	55,376.00

ii.

District/Department Budget Process

Most of the money that I use is money for classes that come out of our ROP funds. To access this money I need to get a good estimate of what I want and how much it is going to cost. I grab a form that we keep in our department that requires signatures from the department head and assistant superintendent (AS). The AS approves the funds and signs the form. I then go to the business department in the DO and get a P.O number and card (if going to Lowes/Home Depot) so that I can spend the money. After I purchase the items I have to record them on the form by item and attach the receipt. I make a copy of all the materials so I have a record for myself.

If I need to use FFA money it is a little more complicated. The form that I grab is similar but needs for information. I need the same signatures as well as a student. I also need FFA minutes approving the use of the funds. I have to turn all of this in along with the receipt from the purchase.

If I use farm money the process is different. We handle the P.Os and have one teacher that is in charge of the account. The items that are purchased are used solely for the farm (improvements, repairs, etc.). We have a Lowes card that we keep and can use for most of these purchases and have accounts that get charged for other stores.

kk.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

II. Staff Assignments

- | | |
|---|--|
| 1. Class Schedules
2. SAE Program Advisors
3. Community Relations Representatives
4. Departmental Responsibilities | 5. Farm Facility/Equipment Managers
6. FFA Chapter Duties
7. Contests, Shows, and Trip Supervision
8. Career Development Event Advisors |
|---|--|

1. Class Schedules

Teacher/ Period	1	2	3	4	5	6
Caetano	Livestock	Ag 1	Ag 1	Ag 1	WE	Prep

Sousa	Ag 1	Ag Bio	Ag 1	Prep	Ag 1	Dairy
Mederos	Ag 1	Weld	Ag Bus	Ad Weld	Prep	Weld
Koelewyn	Ag 1	Ag Bio	Ag 1	Ag Bio	Ag 1	Ag Bio
Marinelli	Prep	Ag 2	SGE	Ag 2	SGE	Ag 1
McKenna	Weld	Ag Mech	Prep	Ag Mech	Weld	Ag Mech
Williams-Hopper	Ag Bio	Prep	Ag Bio	Vet Sci	Ag Bio	Floral

Supervised Agricultural Experience Program Advisors

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams- Hopper	McKenna
Ag. Mechanics	X				X		X
Beef Cattle			X				
SEE	X		X		X	X	
Dairy Cattle			X	X			
Goats						X	
Horse				X			
Sheep		X					
Small Animals/Poultry						X	
Swine					X	X	
Work Experience	X		X		X		

Community Relations Representatives

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	William s- Hopper	McKenna
Advanced Register			X			X	
CA Pork Producers						X	
CWA				X		X	
Dairy Replacement Com.			X	X			

DCCA			X		X		
Farm Bureau			X			X	
Farm Equip. Show	X	X	X	X	X	X	
SSJ Holstein Assoc.				X			
TC Dairy Women			X	X			
Junior Fair Board							
Antique Farm Show	X						
Young Farmers and Ranchers		X	X		X		

Departmental Responsibilities

SR=Staff Representative:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams-Hopper	McKenna
Ag Advisory Comm.	X	X	X	X	X	X	X
CATA Conference	X	X	X	X	X	X	X
Calendar Planning			X		X		
Dept. Chairman			X				
Dept. Program Plan			X				
District Advisory			X		TU	TW	MO
District Budgets			X				
Incentive Grant			X				
Incentive Grant Review			X				
R-2 Reports			X			X	
Scholarships	X						
School Board Award			X	X	X	X	X
School Board Meeting	X	X	X	X	X	X	X
Staff Assignments	X	X	X	X	X	X	X
Staff Evaluations			X				
Staff Meetings	X	X	X	X	X	X	X
Student Directory	X	X	X	X	X	X	X
Student Follow-ups	X	X	X	X	X	X	X
Student Teachers			X				
Supporters Luncheon	X	X	X	X	X	X	X
TCOVE Reports	X	X	X	X	X	X	X
Teacher Luncheon	X	X	X	X	X	X	X
Technology Committee							
Transport. Requests			X				
Vehicle Maintenance	X	X	X	X	X	X	X
Work Experience			X				
Back To School Night	X	X	X	X	X	X	X

Farm Facility/Equipment Managers

SR= Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams-Hopper	McKenna
Classrooms	X	X	X	X	X	X	
Dairy Manager			X	X			
Farm Manager					X		
Swine Unit					X	X	
Kitchen	X	X	X	X	X	X	X
Livestock Barn			X	X			

Mechanics Shops	X				X		X
Office	X	X	X	X	X	X	X
Sheep Unit		X					X
Tractor Maintenance	X	X	X	X	X		X

FFA Chapter Duties

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams -Hopper	McKenna
Activity Charts		X					
American FFA Degree Ap's	X	X		X	X	X	
American FFA Degree Scoring	X	X		X	X	X	
Dairy Tours				X			
FFA Banquet	X	X	X	X	X	X	X
FFA Booster Committee			X		X		
FFA Meetings		X		X	X	X	X
FFA Rosters						X	X
FFA Week	X	X	X	X	X	X	X
Greenhand Initiation		X			X	X	
National Chapter Award						X	
National Convention		X	X				
Proficiency Award Ap's	X	X	X	X	X	X	X
Record Books	X	X	X	X	X	X	X
Recordbook Scoring	X	X	X	X	X	X	X
Recruitment		X	X	X	X	X	
Regional Meetings	X	X	X	X	X	X	X
Sectional Meetings	X	X	X	X	X	X	X
State FFA Degrees Ap's	X	X	X	X	X	X	X
FFA Advisor		X					
Asst. FFA Advisor		X		X	X	X	X
Farm Show	X	X	X	X	X	X	X
Deep Pit Sales	X	X	X	X	X	X	X
Pancake Breckfast	X	X	X	X	X	X	X
Donkey Basketball	X	X	X	X	X	X	X

Contests, Shows, and Trip Supervision

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams- Hopper	McKenna
T/K O/C	X	X	X	X	X	X	X
UC Davis Field Day		X	X				
Tulare Banking Contest					X		

Exeter Citrus Contest						X	
Mendota Citrus Contest						X	
CSUF Winter Finals						X	X
T/K BIG/COOP Contest		X	X				
T/K Speech Contest		X	X			X	
Greenhand Conference		X	X				
Corcoran Cotton	X						
Great Western		X	X	X	X	X	
T/K Parli Pro		X					X
Regional Speech Contest		X	X			X	
T/K Sectional Banquet	X	X	X	X	X	X	X
Farmersville Computer/BIG Contest						X	
CPSLO State Finals	X	X	X	X	X	X	
CSUF Cotton	X						
CSUF Field Day	X	X	X	X	X	X	X
Merced JC Field Day	X	X	X	X	X	X	X
Modesto JC Field Day	X	X	X	X	X	X	X
Reedly CC Field Day	X	X	X	X	X	X	X
State Convention		X	X	X	X	X	X
T/K Cotton Contest	X						
Tulare County Fair	X	X	X	X	X	X	X
Chico					X		
State Fair		X					
Madera Floral						X	
Tulare Citrus						X	
Delano Citrus						X	
Porterville Citrus						X	

Career Development Event Advisors

SR=Staff Representatives:	Marinelli	Koelewyn	Caetano	Sousa	Mederos	Williams-Hopper	McKenna
Ag Mechanics							X
Best Informed Greenhand						X	
Cirtus Judging						X	
Co-Op Quiz					X		

Cotton Judging	X						
Creed Recitation		X					
Dairy Cattle		X					
Milk Quality and Dairy Foods					X		
Extemporeaneous Public Speaking		X					
Farm Power							
Floriculture						X	
Job Interview						X	
Land Judging			X				
Light Horse Judging				X			
Marketing Plan Competition			X				
Ornamental Horticulture							
Opening/Closing Ceremonies	X	X	X	X	X	X	X
PCA Agri-Finance					X		
Parliamentary Procedure		X					X
Prepared Public Speaking			X				
Small Engines	X						
Ag Sales			X				
Ag Issues			X				
Ag Welding							X
Agri Science Fair		X		X		X	

Sub Plans
4/19/10
Ag Mech

1. Hand out the worksheets for the video. Have the students read the questions before the video starts.
2. The video there are watching in Modern Marvels: Aqueducts: Man Made Rivers of Life. The DVD player down on the left of this desk and is connected to the projector. The sound is on the white board behind this

desk. Play the video once the students have read the questions on the worksheet.

3. Have the students complete the worksheet and turn it in.
4. If there is more time left the students can grab a New Horizons and read one article and write a half a page summary of the article.
5. Thank you for subbing my classes today.

11.

Sub Plans

3/5/10

Welding

1. I collected work logs and will have them back to them on Tuesday so they do not need to write in them today.
2. There are Ag Mech books on the shelves that they will be using for today. Students are to write the and define all the vocabulary words and write the **question and the answer** (questions are at the end of the chapter) for the

following unit: Unit 25 Selecting and Using Arc Welding Equipment (pg. 331). In the Self Evaluation they need to do A, B, C and D.

3. If any student is not doing their work and not quite give them one warning and let them know what will happen if it continues. If it continues they need to start copying the chapter down word for word and I will expect it to get down either today or the next time that I see them.
4. If students work good and finish their work early they can work on other class work, read, or clean up the shop if they want to move around. If they start disturbing other students they can start copying the unit down.
5. The projector and video set up is too hard to work plus it will distract the other students who might still be working, so if they ask for a video do not let them. They can choose from #4 or 3.
6. Thanks Carlos call if they are causing too many problems.

mm.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

L. PROFICIENCY STANDARDS FOR PROGRAM COMPLETERS



In order for a student to complete a program in Agriculture Education at the Tulare Joint Union High School District, their supervised agricultural experience program (SAEP) must be related to their career goal. The student will be a member of the FFA Organization and be involved in FFA activities at the local level.

1. To complete a program the following sequences of classes are recommended:

Plant & Soil Science

Ag. I
Ag. II, or
Ag Biology
Ag. Computer Mgmt.
Agribusiness Mgmt., or
Ag. Work Experience

Animal Science

Ag. I
Ag. II, or
Ag Biology
Livestock P&M
Dairy P&M, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience

Agricultural Mechanics

Ag. I
Introduction to Ag Mechanics
Ag. Welding & Construction
Farm Power and Machinery, or
Small Engines, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience

Agricultural Business Management

Ag. I
Ag. II, or
Ag Biology
Ag. Computer Mgmt.
Agribusiness Mgmt.

Ornamental Horticulture

Ag. I
Ag. II, or
Ag Biology
Floriculture
Ag. Welding & Construction, or
Farm Power and Machinery, or
Ag. Computer Mgmt., or
Agribusiness Mgmt., or
Ag. Work Experience

Core Agriculture

Ag. I
Ag. II, or
Ag Biology
Livestock or Dairy
Any other Agriculture course

2. Course Proficiency Standards

Students are evaluated in each course using the following Course Proficiency Standards:

Tulare Joint Union High School District
Agriculture Department

PROFICIENCY STANDARDS

for

AGRICULTURE COMPUTER MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Identify the career opportunities using computers in agriculture.
- _____ Explain the importance of computers in modern agriculture operations.
- _____ Name, explain the various units of computer hardware.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify different computer systems available today.
- _____ Demonstrate skill in operating word processing software.
- _____ Demonstrate skill in coupler keyboarding.
- _____ Demonstrate a working knowledge of data base management systems software.
- _____ Have a working knowledge of modern spreadsheet software.
- _____ Apply skills in using software to manage spreadsheet software.
- _____ Demonstrate an understanding of various programs used for agriculture operations.
- _____ Create and design programs useful to specific applications.
- _____ Be able to understand and use computer networks.
- _____ Demonstrate knowledge of the Future Farmers of America, projects, record books, competition and leadership opportunities.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

B. FARM POWER & MACHINERY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
3 – Moderately skilled or can perform with limited help
2 – Limited skill, requires instruction and close supervision
1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge of the safety rules involved in the use of farm machinery and farm shop equipment.
- _____ Demonstrate a knowledge of the basic skills used in the general maintenance and minor repair farm tractors in each of the following areas:
- | | | |
|--------------------|------------------------------------|------------------------------|
| Cooling systems | Lubrication systems | Three-point hitch and wheels |
| Air induction | Fuel systems including carburetors | Brakes |
| Exhaust systems | Hydraulic systems | Clutch assembly |
| Electrical systems | Drive trains | |
- _____ Demonstrate proper pre-start checks with tractors, including oil level, coolant level, lubricant level, tire pressure, etc.
- _____ Demonstrate the proper adjustments to meet tractor operation needs to include seating, wheel spacing, wheel weights, checking instrument panel, etc.
- _____ Demonstrate the skills used in properly starting and stopping tractors in include:
- | | | |
|--------------------|---------------------------------|------------------------------|
| Proper ventilation | Position of shift lever-neutral | Use of crank |
| | Warming engine | Throttle and choke positions |
- Demonstrate proper highway driving practices with tractors to include safety warning devices, suitable speeds, right-of-way privileges, turning and entering/leaving main roads.**

Identify the major parts and their functions of a gas and diesel tractor engine.

Demonstrate the skills involved in the disassembly of a small engine, repair of the engine and it's re-assembly.

Study the importance of the FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

C. INTRODUCTION TO AGRICULTURE, AG. I

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ To identify the importance of production agriculture.
- _____ Identify the seven basic agriculture careers areas.
- _____ Identify and understand the function of the Future Farmers of America as it relates to modern agriculture, the structure, history and purpose of the Future Farmers of America and how it develops leadership skills.
- _____ Demonstrate an understanding of Supervised Occupational Experience Projects and their relationship with agriculture and agriculture careers.
- _____ Demonstrate an understanding of the California Vocational Agriculture Record Book by following actual or sample student projects.
- _____ Identify the common breeds of beef, sheep, swine, horse, dairy cattle and small animals.
- _____ Demonstrate an understanding of the terminology associated with each species of livestock.
- _____ Demonstrate an understanding of basic livestock management principles, including feeds and nutrition, care and maintenance, diseases and reproduction.
- _____ Identify the common crops grown and understands their importance to California agriculture.
- _____ Identify plants parts and explain their function for a variety of common agriculture plants.
- _____ Explain the factors involved in plant growth and general production practices.
- _____ Students will understand and perform basic tractor operations and maintenance.
- _____ Identify basic parts of common agriculture equipment.
- _____ Demonstrate proper safety techniques used in the agriculture industries and in the classroom setting.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

D. PLANT & ANIMAL SCIENCE, AG. II

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the scope of the crop production and livestock industry in the U.S.A. and the role of research in its expansion.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Identify the importance of the FFA and its relationship and importance to the Vo-Ag student.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Identify the ten animal body systems, their parts and functions and how they interrelate.
- _____ Develop proper nutritional plans for a variety of livestock and cattle, swine and sheep.
- _____ Identify the major diseases associated with cattle, swine and sheep, including the symptoms, treatment and prevention's of such diseases.
- _____ Explain Mendel's principle of inheritance as it relates to the transfer of genes from generation to generation.
- _____ Explain how genetic transfer relates to sex determination and abnormalities.
- _____ Explain the various systems of breeding cattle, swine and sheep (natural and artificial).
- _____ Identify the parts and explain their functions of a variety of common agriculture plants.
- _____ Explain the classification system, including the use of keys to identify plants.
- _____ Identify the major local crops and plants and explain the factors involved in their growth and production.
- _____ Demonstrate an understanding of the vital role that ecological balance plays in the plant and animal world.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

E. AGRICULTURE WELDING & CONSTRUCTION

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate a knowledge (review) of all four positions and essentials in arc and acetylene welding.
- _____ Know the four essentials in arc welding (angle, heat, speed, and distance).
- _____ Be able to master the flat and out of position welds.
- _____ Learn the basic operation of the various types of gas and arc welding, drill presses, cut-off saws and the ironworker.
- _____ Demonstrate the safety features in the welding process.
- _____ Demonstrate the proper use of the cutting torch.
- _____ Master the basic positions in Acetylene welding with steel and brass rod.
- _____ Explain and demonstrate what and how to braze.
- _____ Identify and demonstrate the various types of machines in Oxy-Acetylene welding.
- _____ Accurately read shop drawings.
- _____ Demonstrate a knowledge of the general safety rules and procedures, including welding and cutting equipment safely.
- _____ Demonstrate a knowledge (review) of manipulative skills (angle, material deposit motion) in brazing, hard surfacing, cutting mild steel and aluminum welding.
- _____ Demonstrate proper usage of the cut-off saw, drill press, cutting torch, iron worker, grinders and arc and gas welders in the process of constructing major projects.
- _____ Students will apply the above welding, associating skills through building of assigned metal projects, such as cotton and cow trailers, utility trailers, abrasive saws, loading chutes, and other agricultural equipment.
- _____ Exhibit a knowledge of welding codes and symbols.
- _____ Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

F. AGRICULTURE WORK EXPERIENCE

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Develop a knowledge of the FFA organization, projects, competitions and leadership opportunities.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on a actual; project or a sample project.
- _____ Develop skills needed for a job interview.
- _____ Develop skills needed for filing out job applications.
- _____ Understand employee, employer relationships, such as respect for property, following directions, workplace productivity, etc.
- _____ Be able to meet dress code standards of a job.
- _____ Accept responsibility for proper conduct on the job.
- _____ Understand the different types of insurance and/or welfare programs to include disability, health, retirement, social security, unemployment and welfare
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Develop proper techniques in making change, figuring sales tax, etc.
- _____ Develop skills, with the assistance from the teacher and employer, related to the specific to the specific job assignment.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

G. AGRIBUSINESS

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
3 – Moderately skilled or can perform with limited help
2 – Limited skill, requires instruction and close supervision
1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize and understand the various Ag. related business and how they pertain to agriculture in Tulare county.
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Arrange for a speaker from an Ag. Business area of the student's choice.
- _____ Demonstrate record keeping and management skills through keeping a FFA record book.
- _____ Demonstrate his/her ability to give an up-to-date agricultural report.
- _____ Be able to write a term paper on an up-to-date agriculture topic and a farm management problem.
- _____ Will demonstrate a knowledge of the history, financing and operation of our local county fair.
- _____ Understands the functions of the four basic types of agriculture cooperatives.
- _____ Demonstrate the ability to analyze the development of a farming land enterprise, taking into consideration water needs, financing, equipment costs, leveling/fertilizer, etc., building and crops.
- _____ Identify the importance of the FFA and the relationship and importance to the Vo-Ag student.
- _____ Identify and understand the major steps in the financing of an agriculture enterprise.

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

H. DAIRY PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Demonstrate an understanding of the scope of the dairy industry in the United States, California and Tulare County.
- _____ Consider careers in the dairy industry and to make realistic decisions about such careers.
- _____ Identify the importance of the FFA and it's relationship and importance to the Vo-Ag student.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ Demonstrate proper fitting and showing techniques of dairy cattle.
- _____ Identify the major diseases of dairy cattle, including the symptoms, treatment and prevention of such diseases.
- _____ Demonstrate an understanding of the importance of controlling mastitis in dairy cattle and it's economic importance.
- _____ Explain "functional type" and how it relates to improving dairy cattle.
- _____ Demonstrate proper mating of dairy cattle using genetic mating service or AAA.
- _____ Explain the importance of dairy cattle records and their relationship to increased profits.
- _____ Demonstrate an understanding of computers and their application in dairy records.
- _____ Demonstrate proper milking procedure and explain it's relationship to increased production and decreased incidence of mastitis.
- _____ Develop proper and economical rations for dairy cattle.
- _____ Explain the importance or reproductive efficiency in dairy cattle and factor that effect reproductive efficiency.
- _____ Demonstrate proper techniques of semen handling and artificial insemination.
- _____ Explain a proper calf and heifer raising program and how this program relates to having heifers freshen at 24-30 months of age.
- _____ Explain the different types of dairy cattle housing and milking barns with their advantages and disadvantages.
- _____ Demonstrate safe and proper working habits as they relate to working with dairy cattle.
- _____ Demonstrate a practical knowledge of the following dairy operations:

Artificial breeding	Apply magnet	Painting
Vaccinating	Administering drugs and pills	Welding
Dehorning	Reading thermometer and taking temp.	Proper care of vet. Equipment
Tattooing		Remove extra teats
Castration	Making rope halters	Diagnose and treat disease
Clipping cows udder	Fence repair	Branding methods
Trim feet	Pen scraping and manure disposal	

Tulare Joint Union High School District
Agriculture Department
PROFICIENCY STANDARDS
for

I. LIVESTOCK PRODUCTION & MANAGEMENT

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ The student will be able to identify those breeds of livestock (sheep, swine and beef) that are important to the industry.
- _____ Students will demonstrate a knowledge of the following skills as they relate to the livestock industry:
- | | | |
|------------|-----------------------|-----------------------|
| Castrating | Vaccinating | Judging and selecting |
| Docking | Clipping needle teeth | Fitting and showing |
| Dehorning | Ear notching | |
- _____ Consider a variety of agriculture careers and make realistic decisions about such careers.
- _____ Demonstrate an understanding of the California Vo-Ag record book by completing a book on an actual; project or a sample project.
- _____ **Understand the importance of FFA and it's relationship and importance to the Vo-Ag student.**
- _____ **The student will be able to relate the importance of the livestock industry to the rest of the agricultural spectrum.**
- _____ The student will be able to identify and properly formulate those feed stuffs for the rearing of cattle, swine and sheep.
- _____ The student will be able to identify the digestive system of a ruminant (cattle) and a monogastric (swine) and explain how they function.
- _____ **Students will demonstrate proper feeding practices with livestock including:**
- | | | |
|----------------------|-------------------------|------------------|
| Amount to feed daily | Cost per pound of grain | Water importance |
| Rate of grain | Mixing ration | |
- _____ Students will be able to identify the major diseases of beef, sheep and swine, including the symptoms, treatment and prevention of such diseases.
- _____ Students will demonstrate knowledge of the following skills as they relate to the meat industry:
- ◆ To identify those cuts of meat that are in demand by the consumer
 - ◆ To be able to select a desirable carcass from each of the species of the livestock breeds (sheep, swine and beef cattle)
 - ◆ To apply the federal grading system to meats
- _____ Explain the various systems of breeding beef cattle, sheep and swine (artificial and natural).

_____ Identify the anatomy involved and explain the physiology of the reproductive tract for beef, swine and sheep.

_____ Students will demonstrate safe and proper techniques in working with livestock.

Tulare Joint Union High School District
Agriculture Department

PROFICIENCY STANDARDS

for

J. NURSERY & LANDSCAPE TECHNOLOGY

Students are to be rated on their ability to accomplish or perform different tasks or demonstrate a level of knowledge in specific areas using the following scale:

Rating Scale: 4 – Skilled or can work independently
 3 – Moderately skilled or can perform with limited help
 2 – Limited skill, requires instruction and close supervision
 1 – No exposure, has no experience or knowledge in this area

Rating: Skill or Knowledge Area:

- _____ Recognize the nursery field as a career choice within the agricultural sciences.
- _____ Identify, name and describe uses and the culture of common horticultural crops.
- _____ Identify the main plant parts and describe their functions (roots, stem, leaves, etc.)
- _____ Explain the effects of plant nutrients and fertilizers on plants and identify common commercial fertilizers (nitrogen, phosphorous, calcium, lime, etc.).
- _____ Develop a knowledge of the properties of soil and soil amendments, their relationships to man and plants (texture, tilth, organic matter, etc.).
- _____ Recognize common horticultural pests, damage caused and means of control (insects, weeds, disease).
- _____ Understand the relationship between horticultural crops and the environment and how each may be controlled.
- _____ Demonstrate those skills used in modern plant propagation and production (budding, grafting, cuttings).
- _____ Be able to explain the importance of and demonstrate skills in horticultural crop maintenance (irrigation, fertilization, pruning, pest control, etc.).
- _____ Be proficient in skills relevant to nursery production and management (soil mixing, transplanting, crop selection, maintenance, etc.).
- _____ Demonstrate skills and practices used in the turfgrass industry (lawn installation, equipment operation).
- _____ Be able to demonstrate those techniques and tools concerning the landscape industry (site preparation, installation, construction, bidding, etc.).
- _____ Be able to use skills and techniques, which are part of landscape design (drafting tools, layout, design theories, and proper plant use).
- _____ Demonstrate those safety practices, which are vital to the horticultural industry, including safe use of equipment, tools and pesticides.
- _____ Have knowledge of the Future Farmers of America organization, projects, competition, and leadership opportunities.

TULARE JOINT UNION HIGH SCHOOL DISTRICT
INSTRUCTIONAL PROGRAM IN AGRICULTURE EDUCATION

X. List of Courses that Qualify for Alternative Credit

Course	Alternative Credit
Agriculture 2	High School Graduation Life Science
Integrated Agriculture Biology	U.C. Lab Science "D" Credit *Applied for
Floral Design	Fine Art - Applied UC
Vet Science	Applied UC Elective G
Ag Business	Economics Elective G

Tulare Joint Union High School District

Request for Reimbursement of Travel Expenses

Name: _____ Date: _____

Address: _____

City: _____ Zip: _____ Funding: _____

Conference Name: _____ Conference Location: _____

						For Office Use Only
Conference Dates:						
Meal Expenses:						
Breakfast						
Lunch						
Dinner						
Sub-Total for Meals: \$ \$ \$ \$ \$ \$						
Other Expenses:						
Registration Fee						
Hotel						
Airline						
Books & Materials						
Parking Fee						
Mileage by Formula (attach receipts) _____ miles / _____ m.p.g. x \$ _____ per gallon						
Mileage IRS Rate (no school car available) _____ miles x \$ _____ (IRS Rate)						
Other:						
Grand Total: \$ \$ \$ \$ \$ \$						

This claim must reflect only the actual out-of-pocket expenditures made, including tips (15% maximum). The **original itemized receipts** **MUST** be attached to this form. Original itemized receipts and Conference Registration Forms are **REQUIRED** for reimbursement of all expenditures. The maximum District meal allowance during travel is: Breakfast-\$9.00; Lunch-\$12.00; Dinner-\$19.00 or \$40.00 per day (including tip).

I hereby certify that the above statement represents the actual and necessary expenses incurred in connection with my attendance at an authorized school business related function, that the meals were only for employees and no alcohol was purchased.

Signed: _____ Date: _____

Principal/Director Approval: _____ Date: _____

Assistant Superintendent Approval: _____ Date: _____

FOR OFFICE USE ONLY

FUND	RESOURCE	PY	GOAL	FUNCTION	OBJECT	SITE	TYPE	MGR	AMOUNT
									\$